Maritime Heritage Minnesota

Log Book 61 of the USS Essex

January 3, 1918 – December 31, 1918

The Day-to-Day Operations of Shipbuilder Donald McKay's Last Ship

Digitized & Edited by Ann Merriman and Christopher Olson

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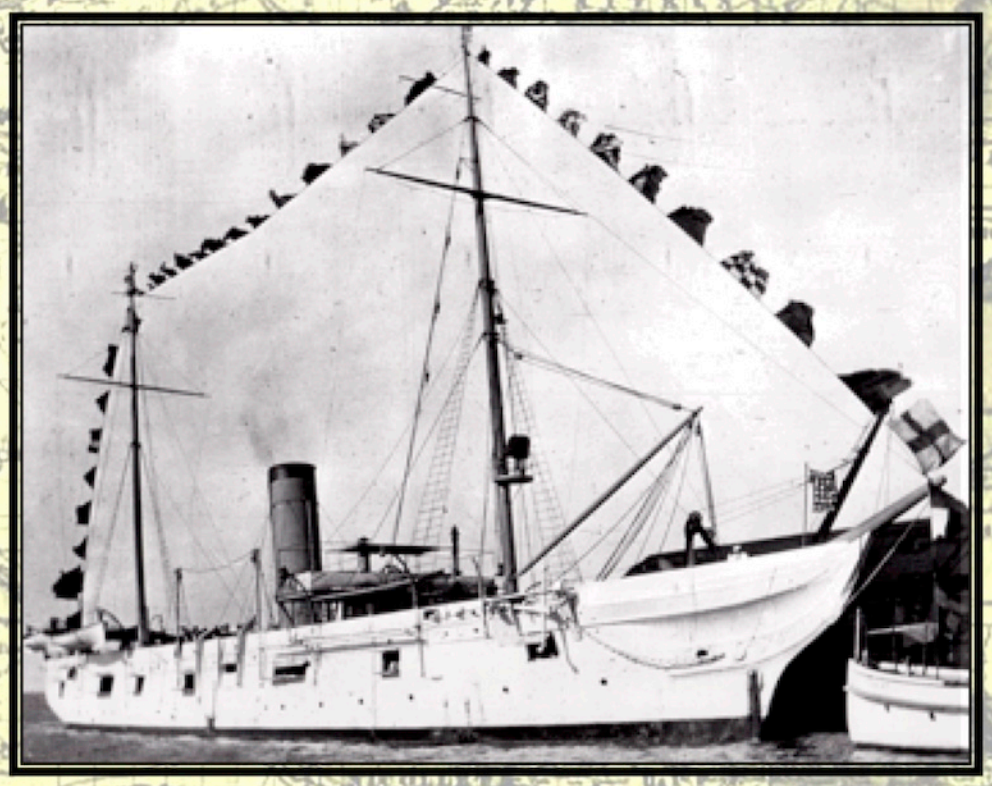

(Institute for Great Lakes Research, Bowling Green University)

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LOG BOOK

OF THE

U. S. S. ESSEX

Rate,

COMMANDED BY

Albert C. Wilvers Lieutenant (junior grade), U. S. Navy~~y~~RF,

Attached to { Division, Squadron, Fleet,

Commencing January 3, 1918,

at Erie, Pennsylvania,

and ending January 31, 1918,

at Erie, Pennsylvania

1917.

4—2590

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

COMMANDED BY

OF THE

LOG BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by A. C. Wilvers, Lieut.(j.g.), U. S. NRF, during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from January 3, 1918, to January 31, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
Walter E. Jacoby	Paymaster NNV	12 June '17	5 Jan '18	U.S.S.Casco
Joseph P. Krause	Carpenter USN (Act. Appt)	15 Oct '17		

Examined and found to be correct.

A. C. Wilvers
Lieutenant, (j.g.) USNRF-2
Commanding

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, January 31st, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
	Chief Boatswain's Mate	
	Boatswain's Mates, first class	
	Boatswain's Mates, second class	
	Coxswains	2
	Chief Gunner's Mate	1
	Gunner's Mates, first class	
	Gunner's Mates, second class	
	Gunner's Mates, third class	
	Chief Turret Captains	
	Turret Captains, first class	
	Chief Quartermaster (Navigating)	
	Chief Quartermaster (Signals)	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Seamen	5
	Ordinary Seamen	2
	Apprentice Seamen	
	Total	10
	ARTIFICER BRANCH.	
	Chief Electrician	
	Electricians, first class	
	Electricians, second class	
	Electricians, third class	
	Chief Electrician (Radio)	
	Electricians, first class (Radio)	
	Electricians, second class (Radio)	
	Electricians, third class (Radio)	
	Chief Carpenter's Mate	
	Carpenter's Mates, first class	
	Carpenter's Mates, second class	1
	Carpenter's Mates, third class	1
	Shipwrights	
	Shipfitters, first class	
	Shipfitters, second class	
	Blacksmiths	1
	Plumbers and Fitters	1
	Sailmaker's Mates	
	Printers	
	Painters, first class	
	Painters, second class	
	Painters, third class	
	Total	4
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
	Chief Machinist's Mates	1
	Machinist's Mates, first class	
	Machinist's Mates, second class	2
	Chief Water Tenders	1
	Water Tenders	
	Boiler Maker	
	Blacksmiths	
	Coppersmiths	
	Oilers	2
	Firemen, first class	2
	Firemen, second class	1
	Coal Passers	
	Total	9
	SPECIAL BRANCH.	
	Chief Yeoman — Commanding Officer	
	Chief Yeoman — Equipment Department	
	Chief Yeoman — Pay Department	1
	Chief Yeoman — Engineer Department	
	Chief Yeoman — Executive Officer	
	Yeoman, first class — Commanding Officer	1
	Yeoman, first class — Equipment Department	
	Yeoman, first class — Executive Officer	
	Yeoman, first class — Pay Department	
	Yeoman, first class — Engineer Department	
	Yeoman, first class — Ship's Store	
	Yeoman, second class — Commanding Officer	
	Yeoman, second class — Ordnance Officer	
	Yeoman, second class — Executive Officer	
	Yeoman, second class — Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—ctd. — Pay Department	
	Yeoman, second class—ctd. — Engineer Department	
	Yeoman, second class—ctd. — Ship's Store	
	Yeoman, third class. — Commanding Officer	
	Yeoman, third class. — Equipment Department	
	Yeoman, third class. — Pay Department	
	Yeoman, third class. — Ship's Store	
	Yeoman, third class. — Engineer Department	
	Yeoman, third class. — Navigator	
	Yeoman, third class. — Executive Officer	
	Pharmacists Mate 3 cl.	1
	Hospital Apprentices, first class	
	Hospital Apprentices	
	Buglers	
	Bandmaster	
	First Musician	
	Musician, first class	
	Musicians, second class	
	Total	3
	COMMISSARY BRANCH.	
	Chief Commissary Steward	
	Commissary Steward	
	Ship's Cooks, first class	1
	Ship's Cooks, second class	
	Ship's Cooks, third class	
	Ship's Cooks, fourth class	1
	Bakers, first class	
	Bakers, second class	
	Total	2
	MESSMEN BRANCH.	
	Cabin Steward	1
	Cabin Cook	
	Mess Attendant	
	Wardroom Steward	
	Wardroom Cook	
	Mess Attendants	
	Mess Attendants (Laundry)	
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants 2nd cl.	1
	Total	2
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendant	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

4—2599

Examined and found to be correct.

A. C. Wilvers
Lieutenant (jg) USNRF-2 Commanding
Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie, Pa. TO Thursday, January 3rd, 1918

Lieut. (jg) U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								E	1	29.54	60	14			0	S			
2		"			"		"		E	1	29.54	60	14			0	S			
3		"			"		"		E	1	29.55	59	15			0	S			
4		"			"		"		E	1	29.56	60	14			0	S			
5		"			"		"		E	1	29.56	61	14			0	S			
6		"			"		"		E	1	29.56	61	12			0	S			
7		"			"		"		E	1	29.64	62	10			0	S			
8		"			"		"		N	1	29.65	61	11			OC	S			
9		"			"		"		N	1	29.65	59	12			OC	S			
10		"			"		"		N	1	29.66	59	12			OC	S			
11		"			"		"		N	1	29.66	60	14			OC	S			
12		"			"		"		NE	1	29.68	60	14			BC	S			
P. M.																				
1	Municipal Pier, Erie, Pa.								NE	1	29.68	60	14			BC	S			
2		"			"		"		NE	1	29.67	60	13			BC	S			
3		"			"		"		NE	1	29.67	60	13			BC	N			
4		"			"		"		NE	1	29.66	58	12			BC	N			
5		"			"		"		NE	1	29.62	58	12			O	N			
6		"			"		"		NE	1	29.62	58	12			O	N			
7		"			"		"		NE	1	29.62	58	12			O	N			
8		"			"		"		NE	1	29.62	57	12			O	N			
9		"			"		"		NE	1	29.62	57	12			O	N			
10		"			"		"		NE	1	29.62	56	12			O	N			
11		"			"		"		NE	1	29.61	57	12			BC	N			
12		"			"		"		E	1	29.60	56	12			BC	CW			

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum 60
Minimum 61

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 2 tons / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2669

UNITED STATES SHIP Essex

REMARKS.

Commences and until 4.00 a.m.

No remarks.

G. F. Brown
Chief Gunners Mate U.S.Navy B

4.00 a.m. to 8.00 a.m.

Dreiling, J. CWT reported aboard from five days leave.

C. A. Holmberg
Chief Gunners Mate U.S.Navy. N

8.00 a.m. to meridian.

8.00 a.m. recived 8300 lbs coal. 8.00 a.m. O'Bryan, D.B. Fireman, first class left off five days leave of absence. 10.10 a.m. received 8400 lbs coal.

C. A. Holmberg
Chief Gunners Mate U.S.Navy. N

Meridian to 4.00 p.m.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy. B

4.00 p.m. to 8.00 p.m.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy. B

8.00 p.m. to 12.00 midnight.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy. B

Approved: A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Friday January 4, 1918

Lieut., (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.								E	1	29.60	58	12			BC	Cu		8	
2		"				"		"	E	1	29.59	58	12			BC	Cu		8	
3		"				"		"	E	1	29.59	58	12			BC	Cu		8	
4		"				"		"	E	1	29.58	58	12			BC	Cu		8	
5		"				"		"	E	1	29.58	58	12			BC	Cu		8	
6		"				"		"	E	1	29.58	58	12			BC	Cu		8	
7		"			"			"	E	1	29.57	58	12			BC	Cu		8	
8		"				"		"	E	1	29.57	58	12			BC	Cu		8	
9		"				"		"	E	1	29.52	58	12			BC	Cu		8	
10		"				"		"	E	1	29.50	58	12			BC	Cu		8	
11		"				"		"	E	1	29.50	58	12			BC	Cu		8	
12		"				"		"	E	1	29.49	58	12			BC	Cu		8	

s. a. m. Latitude / Longitude

Noon. Latitude / Longitude

s. p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum 61
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 1.27 tons / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.	Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
1	Municipal Pier, Erie, Pa.									SE	1	29.46	58	14			S	N		6	
2		"			"		"		"	SE	1	29.46	58	16			S	N		6	
3		"			"		"		"	SE	1	29.44	58	16			S	N		6	
4		"			"		"		"	SE	0	29.44	58	20			S	N		6	
5		"			"		"		"	SE	0	29.44	58	22			S	N		6	
6		"			"		"		"	S	0	29.48	58	18			S	N		6	
7		"			"		"		"	S	0	29.50	58	13			S	N		6	
8		"			"		"		"	S	0	29.50	58	12			BC	N		6	
9		"			"		"		"	S	0	29.45	58	17			BC	Cu		6	
10		"			"		"		"	S	0	29.43	58	17			BC	Cu		6	
11		"			"		"		"	S	0	29.43	58	19			BC	Cu		6	
12		"			"		"		"	S	0	29.40	58	20			OC	S		6	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF -2 ees

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2 ees

8.00 a.m. to meridian.

No remarks.

G. T. Brown
Chief Gunners Mate, USS.Navy gfb

Meridian to 4.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2 ees

4.00 p.m. to 8.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2 ees

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Hohnberg
Chief Gunners Mate, U.S.Navy. cah

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2594

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Saturday January 5, 1918

Lieut.(j.g.) U. S. Navy Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.								S	L	29.30	58	20			BC	N		8	
2		8				"		"	S	L	29.30	58	20			BC	N		8	
3		"				"		"	S	1	29.29	58	20			BC	N		9	
4		"				"		"	S	1	29.29	57	20			BC	N		9	
5		"				"		"	S	1	29.30L	57	20			BC	N		9	
6		"				"		"	S	1	29.29.	58	20			BC	N		9	
7		"				"		"	S	1	29.28	58	17			BC	N		9	
8		"				"		"	S	1	29.28	59	17			BC	N		9	
9		"				"		"	SW	1	29.28	58	16			O	AC		9	
10		"				"		"	SW	1	29.27	58	16			O	AC		8	
11		"				"	"		SW	1	29.26	58	21			O	AC		8	
12		"				"		"	SW	1	29.26	58	26			B	CS		8	

s. m. Latitude / Longitude

Noon. Latitude / Longitude

p. m. Latitude / Longitude

Current: Set / Drift

MAGAZINE TEMPERATURES:
Maximum 62
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 1600 lbs / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	At Municipal Pier, Erie, Pa.								SE	1	29.27	58	25			BC	AS		8	
2		"		"		"			SE	1	29.27	58	25			BC	AS		8	
3		"		"		"			E	1	29.27	58	25			BC	AS		8	
4		"		"		"			NE	1	29.27	58	25			BC	AS		8	
5		"		"		"			NE	1	29.27	58	25			BC	AS		8	
6		"		"		"			NE	1	29.28	58	25			BC	AS		8	
7		"		"		"			NE	1	29.28	58	25			BC	AS		8	
8		"		"		"			N	1	29.28	58	25			BC	CS		7	
9		"		"		"			N	1	29.28	58	22			BC	CS		7	
10		"		"		"			N	1	29.28	58	22			BC	CS		7	
11		"		"		"			N	1	29.28	58	22			BC	CS		7	
12		"		"		"			N	1	29.28	58	20			BC	CS		6	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 am to 12.00 meridian.

The following lumber was received:

37 pieces 2x4 16 ft. long
10 pieces 2x12 16 ft. long

The following stores and supplies were received:

200 lbs. bread, fresh
46 lbs. pork loins
127 lbs. beef
100 lbs. pork

The Senior Officer Present inspected ship and crew at 10.00 a.m.

E E Smith
Chief Quartermaster, USNRF-2 ees

Meridian to 4.00 p.m.

The follwoing stores and supplies were received at 2.15

25 lbs. calcium phosphate
1 no shaper machine
79 no boiler tubes 2"
24 no boiler tubes 4"
1 crate scullery baskets

5000 lbs. coal received on board at 3.30 p.m.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy cah

4.00 p.m. to 8.00 p.m.

Paymaster Jacoby official detached and left with baggage.
Jansen, F. E. CY left on leave to Great Lakes, Illinois.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy cah

8.00 p.m. to 12.00 midnight.

No remarks.

G. S. Brown
Chief Gunners Mate, U.S.Navy gfb

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Sunday January 6, 1918

Lieut. (j.g.) RF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.								N	1	29.28	60	20			BC	AS			
2		"			"		"		N	1	29.28	60	20			BC	AS			
3		"			"		"		N	1	29.28	60	18			BC	AS			
4		"			"		"		N	1	29.28	60	18			BC	AS			
5		"			"		"		N	1	29.28	60	18			BC	AS			
6		"			"		"		N	1	29.26	60	20			BC	AS			
7		"			"		"		N	1	29.26	60	20			BC	N			
8		"			"		"		NE	1	29.26	60	22			BC	N			
9		"			"		"		NE	1	29.20	60	22			BC	N			
10		"			"		"		NE	1	29.20	60	26			BC	N			
11		"			"		"		E	1	29.18	60	26			BC	N			
12		"			"		"		E	1	29.16	60	30			OC	CiCu			
P. M.																				
1	At Municipal Pier, Erie, Pa.								E	1	29.10	60	30			OC	CiCu			
2		"			"		"		E	1	29.04	60	30			OC	CiCu			
3		"			"		"		SE	1	28.95	60	30			OC	CiCu			
4		"			"		"		SE	1	28.92	60	40			OC	CiCu			
5		"			"		"		SE	1	28.92	60	40			OC	CiCu			
6		"			"		"		SE	1	28.92	60	40			OC	CiCu			
7		"			"		"		SE	1	28.92	60	40			OC	CiCu			
8		"			"		"		SE	2	28.89	60	40			OC	R			
9		"			"		"		SE	2	28.89	60	40			OC	R			
10		"			"		"		SE	2	28.89	60	40			OC	R			
11		"			"		"		SE	2	28.89	60	40			OC	R			
12		"			"		"		SE	3	28.87	60	37			R	N			

a. m. Latitude
Longitude

Noon. Latitude
Longitude

p. m. Latitude
Longitude

Current: Set
Drift

Magazine Temperatures:
Maximum 63
Minimum 64

Compass
S. H
Error
Variation
Deviation

Coal: Received
Expended 1500 lbs
On hand 4000 lbs

Fuel oil: Received
Expended
On hand

Water: Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2500

UNITED STATES SHIP Essex

REMARKS.

Commences and until 4.a.m.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy. gfb

4 a.m. to 8 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8 a.m. to meridian.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy cah

Meridian to 4 p.m.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy gfb

4 p.m. to 8 p.m.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy gfb

8 p.m. to 12 midnight.

No remarks.

E E Smeltz
Chief Quartermaster, USNRF-2 ees

Approved:

A. C. Wilvers
Lieut. (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Monday January 7, 1918

Lieut. (jg), U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M. 1	At Municipal Pier, Erie, Pa.								SE	3	28.85	60	37			OR	N		10	
2		"				"		"	SE	3	28.85	60	37			OR	N		10	
3		"				"		"	SE	3	28.85	60	37			OR	N		10	
4		"				"		"	SE	3	28.85	60	37			OR	N		10	
5		"				"		"	SE	3	28.85	60	37			OR	N		10	
6		"				"		"	SE	3	28.85	60	37			OR	N		10	
7		"				"		"	SE	3	28.85	60	37			OR	N		10	
8		"				"		"	ESE	1	28.86	58	39			R	N		10	
9		"				"		"	ESE	1	28.86	58	39			R	N		10	
10		"				"		"	ESE	1	28.86	58	39			R	N		10	
11		"				"		"	ESE	1	28.86	58	39			R	N		10	
12		"				"		"	SE	1	28.86	55	34			S	N		10	

P. M. 1	At Municipal Pier, Erie, Pa.								SE	1	28.86	55	34			S	N		10	
2		"				"		"	SE	1	28.86	55	34			S	N		10	
3		"				"		"	SE	1	28.86	55	34			S	N		10	
4		"				"		"	E	2	28.85	60	31			OS	N		10	
5		"				"		"	E	2	28.85	60	31			OS	N		10	
6		"				"		"	E	2	28.85	60	31			OS	N		10	
7		"				"		"	E	2	28.85	60	31			OS	N		10	
8		"				"		"	E	2	28.89	60	31			OS	N		10	
9		"				"		"	E	2	28.89	60	27			OS	N		10	
10		"				"		"	E	2	28.89	60	27			OS	N		10	
11		"				"		"	E	2	28.89	60	27			OS	N		10	
12		"				"		"	W	6	28.90	60	25			OS	N		10	

A. M. 8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

P. M. 8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 64

Compass
S. H
Error
Variation
Deviation

Coal: Received 23200 lbs; Expended 1550 lbs; On hand 25650 lbs

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2369

UNITED STATES SHIP ESSEX

REMARKS.

Commances and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2 ees

4.00 a.m. to 8.00 a.m.

Link, F. W. CM2c absent over leave from 7.00 a.m.

G. F. Brown
Chief Gunners Mate, U.S.Navy. gfb

8.00 a.m. to meridian.

The following coal was received: 7300 lbs., 7700 lbs., 8100 lbs. and 8100 lbs.
The following stores and supplies were received: 300 lbs. potatoes; 1 case eggs.

G. F. Brown
Chief Gunners Mate, U.S.Navy. gfb

Meridian to 4.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 p.m. to 8.00 p.m.

The following supplies were received: 2 lengths of 3" pipe.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Approved: A. C. Wilvers Examined:
Lieutenant (j.g.) USNRF-2
Commanding

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Tuesday January 8, 1918

A. C. Wilvers Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier at Erie, Pa								W	6	28.90	60	25			OS	N		10	
2			"			"	"		W	6	28.90	60	25			OS	N		10	
3			"			"	"		W	6	28.90	60	25			OS	N		10	
4			"			"	"		W	5	28.98	60	18			OS	N		10	
5			"			"	"		W	5	28.98	60	18			OS	N		10	
6			"			"	"		W	5	28.98	60	18			OS	N		10	
7			"			"	"		W	5	28.98	60	18			OS	N		10	
8			"			"	"		W	5	29.06	60	18			OS	N		10	
9			"			"	"		W	5	29.06	60	18			OS	N		10	
10			"			"	"		W	5	29.06	60	18			OS	N		10	
11			"			"	"		W	5	29.06	60	18			OS	N		10	
12			"			"	"		W	5	29.11	60	19			OS	N		10	

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 65

Compass
S. H
Error
Variation
Deviation

Coal. Received / Expended 2560 lbs / On hand 23090 lbs

Fuel oil. Received / Expended / On hand

Water. Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	At Municipal Pier, Erie, Pa.								W	5	29.11	60	21			OS	N		10	
2		"		"	"				W	5	29.11	60	21			OS	N		10	
3		"		"	"				W	5	29.11	60	21			OS	N		10	
4		"		"	"				W	5	29.12	60	24			OS	N		10	
5		"		"	"				W	5	29.12	60	24			OS	N		10	
6		"		"	"				W	5	29.12	60	24			OS	N		10	
7		"		"	"				W	5	29.12	60	24			OS	N		10	
8		"		"	"				W	4	29.18	60	22			OS	N		10	
9		"		"	"				W	4	29.18	60	22			OS	N		10	
10		"		"	"				W	4	29.18	60	22			OS	N		10	
11		"		"	"				W	4	29.18	60	22			OS	N		10	
12		"		"	"				W	3	29.16	62	22			OS	N		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

Meridian to 4.00 p.m.

Received the following stores: 50 gal. gasoline.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 p.m. to 8.00 p.m.

Received the following stores and supplies: 50 lbs. veal; 50 lbs. butter and 100 lbs. bread, fresh.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

Johnson's bag and hammock came at 8.00 p.m.

G. S. Brown
Chief Gunners Mate, U.S.Navy. gfb

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Wedensday January 9, 1918

A. C. Wilvers Lieut, (j.g.) U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.								W	3	29.16	62	22			OS	N		10	
2		"			"		"		W	3	29.16	62	22			OS	N		10	
3		"			"		"		W	3	29.16	62	22			OS	N		10	
4		"			"		"		W	3	29.16	70	22			OS	N		10	
5		"			"		"		W	3	29.16	70	22			OS	N		10	
6		"			"		"		W	3	29.16	70	22			OS	N		10	
7		"			"		"		W	3	29.16	70	22			OS	N		10	
8		"			"		"		W	3	29.14	70	24			OS	N		10	
9		"			"		"		W	3	29.14	70	24			OS	N		10	
10		"			"		"		W	3	29.14	70	24			OS	N		10	
11		"			"		"		W	3	29.14	70	24			OS	N		10	
12		"			"		"		W	3	29.10	70	25			OS	N		10	

Lat. at noon: Latitude
Long. at noon: Longitude
Lat. at 8 p. m.: Latitude
Long. at 8 p. m.: Longitude
Current: Set
Current: Drift

MAGAZINE TEMPERATURES:
Maximum 63
Minimum 64

Compass
S. H
Error
Variation
Deviation

Coal: Received
Coal: Expended 2453 lbs
Coal: On hand 20640 lbs

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	At Municipal Pier, Erie, Pa.								W	3	29.10	70	25			OS	N		10	
2		"			"		"		W	3	29.10	70	25			OS	N		10	
3		"			"		"		W	3	29.10	70	25			OS	N		10	
4		"			"		"		W	3	29.10	63	22			OS	N		10	
5		"			"		"		W	3	29.10	63	22			OS	N		10	
6		"			"		"		W	3	29.10	63	22			OS	N		10	
7		"			"		"		W	3	29.10	63	22			OS	N		10	
8		"			"		"		W	3	29.16	59	22			OS	N		10	
9		"			"		"		W	3	29.16	59	22			OS	N		10	
10		"			"		"		W	3	29.16	59	22			OS	N		10	
11		"			"		"		W	3	29.16	59	22			OS	N		10	
12		"			"		"		W	3	29.20	58	19			OS	N		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

G. F. Brown

Chief Gunners Mate, U.S.Navy. gfb

4.00 a.m. to 8.00 a.m.

No remarks.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy. cah

8.00 a.m. to 12.00 meridian.

The following stores and supplies were received: 150 lbs. potatoes; 25 lbs. vegetables; 1 bushel carrots.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy. cah

Meridian to 4.00 p.m.

No remarks.

G. F. Brown

Chief Gunners Mate, U.S.Navy. gfb

4.00 p.m. to 8.00 p.m.

The following stores and supplies were received: 73 lbs. pork loins; 86 lbs. corn beaf.
Baggage of Paymaster Jacoby and Mr. Henning left ship.

G. F. Brown

Chief Gunners Mate, U.S.Navy. gfb

8.00 p.m. to 12.00 midnight.

No remarks.

E E Smith

Chief Quartermaster, USNRF-2. ees

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Thursday January 10, 1918

A. C. Wilvers, Lieut., (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At	Municipal	Pier,	Erie,	Pa.				W	3	29.20	58	19			OS	N		10	
2		"			"		"		W	3	29.20	58	19			OS	N		10	
3		"			"		"		W	3	29.20	58	19			OS	N		10	
4		"			"		"		W	3	29.25	58	19			OS	N		10	
5		"			"		"		W	3	29.25	58	19			OS	N		10	
6		"			"		"		W	3	29.25	58	19			OS	N		10	
7		"			"		"		W	3	29.25	58	19			OS	N		10	
8		"			"		"		W	3	29.30	58	24			0	N		10	
9		"			"		"		W	3	29.30	58	24			0	N		10	
10		"			"		"		W	3	29.30	58	24			0	N		10	
11		"			"		"		W	3	29.30	58	24			0	N		10	
12		"			"	V	"		W	3	29.34	70	28			0	N		10	
P. M.																				
1	At	Municipal	Pier,	Erie,	Pa.				W	3	29.34	70	28			0	N		10	
2		"			"		"		S	3	29.34	70	28			0	N		10	
3		"			"		"		S	3	29.34	70	28			0	N		10	
4		"			"		"		E	2	29.29	70	31			0	S		10	
5		"			"		"		E	2	29.29	60	31			0	S		10	
6		"			"		"		E	2	29.29	60	31			0	S		10	
7		"			"		"		E	2	29.29	60	31			0	S		10	
8		"			"		"		E	2	29.35	58	28			0	S		10	
9		"			"		"		E	2	29.35	58	28			0	S		10	
10		"			"		"		E	2	29.35	58	28			0	S		10	
11		"			"		"		E	2	29.35	58	28			0	S		10	
12		"			"		"		E	1	29.32	58	24			0	S		10	

a. m. Latitude
Longitude

Noon. Latitude
Longitude

p. m. Latitude
Longitude

Current: Set
Drift

Magazine Temperatures:
Maximum 64
Minimum 65

Compass
S. H
Error
Variation
Deviation

Coal. Received
Expended 2660 lbs
On hand 17980 lbs

Fuel oil. Received
Expended
On hand

Water. Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2569

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 a.m. to 8.00 a.m.

No remarks.

G. F Brown
Chief Gunners Mate, U.S.Navy. gfb

8.00 a.m. to 12.00 meridian.

No remarks.

G. F. Brown
Chief Gunners Mata, U.S.Navy. gfb

Meridian to 4.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 p.m. to 8.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Habberg
Chief Gunners Mate, U.S.Navy. cah

Approved: A. C. Wilvers Examined:

Lieutenant (j.g.) U.S.N.R.F.-2
Commanding

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Friday, January 11, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.								E	L	29.32	58	24			0	S		10	
2			"			"		"	E	1	29.32	58	24			0	S		10	
3			"			"		"	E	1	29.32	58	24			0	S		10	
4			"			"		"	E	1	29.32	58	25			0	S		8	
5			"			"		"	E	1	29.32	58	25			0	S		8	
6			"			"		"	E	1	29.32	58	25			0	S		8	
7			"			"		"	E	1	29.32	58	25			0	S		8	
8			"			"		"	E	1	29.30	58	24			0	CuN		8	
9			"			"		"	E	1	29.30	70	24			0	CuN		8	
10			"			"		"	E	1	29.30	70	24			0	CuN		8	
11			"			"		"	E	1	29.30	70	24			0	CuN		8	
12			"			"		"	E	1	29.18	70	26			0	CuN		8	

Compass
S. H
Error
Variation
Deviation

Coal. Received
Expended 2310 lbs
On hand 15670 lbs

Fuel oil. Received
Expended
On hand

Water. Distilled
Received
Expended
On hand

Sa. m. Latitude / Longitude
Noon. Latitude / Longitude
8 p. m. Latitude / Longitude
Current Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 65

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	At Municipal Pier, Erie, Pa.								E	1	29.18	70	26			0	CuN		8	
2			"			"		"	E	1	29.18	70	26			0	CuN		8	
3			"			"		"	E	1	29.18	70	26			0	CuN		8	
4			"			"		"	E	1	28.93	70	32			0	CuN		8	
5			"			"		"	E	1	28.93	70	32			0	CuN		8	
6			"			"		"	E	1	28.93	70	32			0	CuN		8	
7			"			"		"	E	1	28.93	70	32			0	CuN		8	
8			"			"		"	W	4	28.72	70	31			0	S		10	
9			"			"		"	W	4	28.72	70	31			0	S		10	
10			"			"		"	W	4	28.72	70	31			0	S		10	
11			"			"		"	W	4	28.72	70	31			0	S		10	
12			"			"		"	E	6	28.25	70	32			0	S		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

The following supplies were received: 300 lbs. potatoes.

E E Smith
Chief Quartermaster, USNRF-2. ees

Meridian to 4.00 p.m.

The following supplies were received: 100 lbs. bread.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 p.m. to 8.00 p.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy. gfb

Approved: A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Saturday, January 12, 1918

A. C. Wilvers, Lieut. (jg), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.								E	6	28.25	65	32			0	S		8	
2		"			"		"		E	6	28.25	65	32			0	S		8	
3		"			"		"		E	6	28.25	65	32			0	S		8	
4		"			"		"		E	6	28.18	58	40			0	S		8	
5		"			"		"		E	6	28.18	58	40			0	S		8	
6		"			"		"		E	6	28.18	58	40			0	S		8	
7		"			"		"		E	6	28.18	58	40			0	S		8	
8		"				"	"		NW	6	28.56	58	6			BC	N		5	
9		"			"		"		NW	6	28.56	58	6			BC	N		5	
10		"			"		"		NW	6	28.56	58	6			BC	N		5	
11		"			"		"		NW	6	28.56	58	6			BC	N		5	
12		"			"		"		W	5-6	28.72	58	0			BC	CuN		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum 65
Minimum 66

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 2590 lbs / On hand 13080 lbs

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	At Municipal Pier, Erie, Pa.								W	6	28.72	58	0			0	CuN		4	
2		"			"		"		W	6	28.72	58	0			0	CuN		4	
3		"			"		"		W	6	28.72	58	0			0	CuN		4	
4		"			"		"		W	6	28.75	58	0			0	S		7	
5		"			"		"		W	6	28.75	58	0			0	S		7	
6		"			"		"		W	6	28.75	45	0			0	S		7	
7		"			"		"		W	6	28.75	45	0			0	S		7	
8		"			"		"		W	6	28.79	45	4-			0	S		7	
9		"			"		"		W	6	28.79	45	4-			0	S		7	
10		"			"		"		W	6	28.79	45	4-			0	S		7	
11		"			"		"		W	6	28.79	45	4-			0	S		7	
12		"			"		"		W	6	28.85	45	4-			0	S		7	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

G. F. Brown.

Chief Gunners Mate, U.S.Navy. gfb

4.00 a.m. to 8.00 a.m.

No remarks.

C. A. Hohnberg

Chief Gunners Mate, U.S.Navy. cah

8.00 a.m. to 12.00 meridian.

No remarks.

C. A. Hohnberg

Chief Gunners Mate, U.S.Navy. cah

Meridian to 4.00 p/m.

No remarks.

G. F. Brown

Chief Gunners Mate, U.S.Navy. gfb

4.00 p.m. to 8.00 p.m.

No remarks.

G. F. Brown

Chief Gunners Mate, U.S.Navy gfb

8.00 p.m. to 12.00 midnight.

No remarks.

E. E. Smith

Chief Quartermaster, USNRF-2. ees

Approved: A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Sunday, January 13, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding. RF

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.								W	6	28.85	45	4-			0	S		7	
2			"			"		"	W	6	28.85	45	4-			0	S		7	
3			"			"		"	W	6	28.85	45	4-			0	S		7	
4			"			"		"	W	5	28.93	45	4-			0	S		7	
5			"			"		"	W	5	28.93	45	4-			0	S		7	
6			"			"		"	W	5	28.93	45	4-			0	S		7	
7			"			"		"	W	5	28.93	45	4-			0	S		7	
8			"			"		"	W	5	28.89	45	4-			0	CiS		8	
9			"			"		"	W	5	28.89	45	4-			0	CiS		8	
10			"			"		"	W	5	28.89	45	4-			0	CiS		8	
11			"			"		"	W	5	28.89	45	4-			0	CiS		8	
12			"			"		"	W	5	29.10	57	6			0	CiS		8	

P. M.																				
1	At Municipal Pier, Erie, Pa.								W	5	29.10	57	6			0	AS		8	
2			"			"		"	W	5	29.10	57	6			0	AS		8	
3			"			"		"	W	5	29.10	57	6			0	AS		8	
4			"			"		"	W	4	29.15	57	12			BC	AS		8	
5			"			"		"	W	4	29.15	57	12			BC	AS		6	
6			"			"		"	W	4	29.15	57	12			BC	AS		6	
7			"			"		"	W	4	29.15	57	12			BC	AS		6	
8			"			"		"	W	3	29.23	57	14			BC	Ci		4	
9			"			"		"	W	3	29.23	57	14			BC	Ci		4	
10			"			"		"	W	3	29.23	57	14			BC	Ci		4	
11			"			"		"	W	3	29.23	57	14			BC	Ci		4	
12			"			"		"	W	3	29.28	57	12			BC	Ci		5	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum 65
Minimum 66

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 2590 lbs / On hand 10490 lbs

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2500

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2 ees

4.00 a.m. to 8.00 a.m.

No remarsk.

G. S. Brown
Chief Gunners Mate U.S.Navy. gfb

8.00 a.m. to 12.00 meridian.

Church party arrived at 9.35 a.m.
Church services held on board at 10.00 a.m.

G. S. Brown
Chief Gunners Mate, U.S.Navy. gfb

Meridian to 4.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 p.m. to 8.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Hohnberg
Chief Gunners Mate, U.S.Navy. cah

Approved: A. C. Wilvers
Lieutenant, (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Monday, January 14, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M. 1	At Municipal Pier, Erie, Pa.																			
2																				
3			"			"	"		W	2	29.32		13			BC	Ci		5	
4																				
5																				
6																				
7																				
8			"			"	"		W	2	29.30		17			BC	CiCu		8	
9																				
10																				
11																				
12			"			"	"		W	2-1	29.35		27			BC	AC		9	

Lat. Long. a.m.

Noon. Latitude / Longitude

Lat. Long. p.m.

Current: Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 64

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 2450 lbs / On hand 9040 lbs

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	At Municipal Pier, Erie, Pa.																			
2																				
3																				
4			"			"		"	W	2	29.26		27			BC	CiCu		7	
5																				
6																				
7																				
8			"			"		"	W	1	29.13		26			BC	Ci		8	
9																				
10																				
11																				
12			"			"		"	NNW		28.92	64	24			S	N		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 a.m. to 8.00 a.m.

No remarks.

E C Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

Received 300 lbs. coal.
Crowley, H. A. Sea, left on leave to return Jan. 16, 1918.

E C Smith
Chief Quartermaster, USNRF-2. ees

Meridian to 4.00 p.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 p.m. to 8.00 p.m.

The following stores and supplies were received: 91 lbs. veal; 55 lbs. bacon; 30 doz. eggs; 81 lbs. beef; 102-1/2 lbs. ham; 102 lbs. sausage.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

No remarks.

G. F. Brown
Chief Gunners Mate, U.S.Navy. gfb

Approved: A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Tuesday, January 15, 1918

A. C. Wilvers, Lieut (jg) U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. at.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									NE	5	28.67	57	22			S	N		10	
5																				
6																				
7																				
8									NE	4	28.56	58	22			OS	N		10	
9																				
10																				
11																				
12									W	3	28.77	60	20			OS	N		10	
P. M.																				
1																				
2																				
3																				
4									W	4	28.90	45	18			S	N		10	
5																				
6																				
7																				
8									W	2	29.04	60	18			O	N		10	
9																				
10																				
11																				
12									W	1	29.08	60	18			O	N		10	

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 64

Compass
S. H
Error
Variation
Deviation

Coal. Received / Expended 2590 lbs / On hand 5450 lbs

Fuel oil. Received / Expended / On hand

Water. Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

G. F. Brown

Chief Gunners Mate, U.S.Navy. gfb

4.00 a.m. to 8.00 a.m.

No remarks.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy. cah

8.00 a.m. to 12.00 meridian.

No remarks.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy. cah

Meridian to 4.00 p.m.

Received 1000 ft. lumber.

G. F. Brown

Chief Gunners Mate, U.S.Navy. gfb

4.00 p.m. to 8.00 p.m.

No remarks.

G. F. Brown

Chief Gunners Mate, U.S.Navy. gfb

8.00 p.m. to 12.00 midnight.

No remarks.

E. E. Smith

Chief Quartermaster, USNRF-2. ees

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Wednesday, January 16, 1918

A. C. Wilvers, Lieut. (j.g.) U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	3	29.16	60	10			0	N		10	
5																				
6																				
7																				
8									W	3	29.14	32	7			BC	Ci Cu		4	
9																				
10																				
11																				
12									SW	3	29.17	32	18			BC	Ci Cu		4	
P. M.																				
1																				
2																				
3																				
4									SW	1	29.15		26			BC	Ci Cu		5	
5																				
6																				
7																				
8									SW	1	29.15		24			BC	Ci Cu		5	
9																				
10																				
11																				
12									SW	1	28.14		25			OS	N		10	

Sa. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

Sp. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum 63
Minimum 62

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received 4900 lbs; Expended 3570 lbs; On hand 6780 lbs

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 a.m. to 8.00 a.m.

No remarks.

G. F Braam.
Chief Gunners Mate, U.S.Navy. gfb

8.00 a.m. to 12.00 meridian.

The following stores and supplies were received: 4900 lbs. coal; 1000 ft. lumber. 100 lbs. bread, fresh; 50 lbs. cabbage; 150 lbs apples.

G. F Braam
Chief Gunners Mate, U.S.Navy. gfb

Meridian to 4.00 p.m.

No remarks.

E E Smith
Chief Quartermaster USNRF-2. ees

4.00 p.m. to 8.00 p.m.

Braam, C.M. MAAlc detached this day and ordered to U.S.Naval Training Station, Great Lakes, Illinois.

E E Smith
Chief Quartermaster, USNRF-2: ees

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Thursday, January 17, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Ar.	Temperature. Air, Dry Bulb.	Temperature. Air, Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	0-1	29.14		23			OS	N		10	
5																				
6																				
7																				
8									SW	1	29.20		23			OS	N		10	
9																				
10																				
11																				
12									SW	2-3	29.16		30			OS	N		10	

Lat. at noon: Latitude
Long. at noon: Longitude
Noon: Latitude
Noon: Longitude
Lat. at 8 p. m.: Latitude
Lat. at 8 p. m.: Longitude
Current: Set
Current: Drift

Magazine Temperatures:
Maximum 62
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal: Received 18200 lbs
Coal: Expended 5250 lbs
Coal: On hand 19730 lbs

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									SW	2	29.17		23			BC	CiCu		8	
5																				
6																				
7																				
8									SW		29.20		24			BC	CiCu		9	
9																				
10																				
11																				
12									SW		29.22		20			L	SCu		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2000

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

The following stores and supplies were received: 300 lbs. potatoes; 49-1/4 lbs. pork loins; 52-1/4" lbs. luncheon meat; 50 lbs. fish.

E E Smith
Chief Quartermaster, USNRF-2. ees

Meridian to 4.00 p.m.

Received 5800 lbs. coal; 7000 lbs. coal; 5400 lbs. coal.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 p.m. to 8.00 p.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

Jansen, F. E. ChYeo returned from leave.

R. Boo.
Chief Quartermaster, U.S.Navy. rb

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Friday, January 18, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	1	29.22		19			0	AN		10	
5																				
6																				
7																				
8									W	1	29.23		17			0	CuN		10	
9																				
10																				
11																				
12									W	2	29.20		17			0S	N		10	
P. M.																				
1																				
2																				
3																				
4									W	2	29.25		12			0C	N		10	
5																				
6																				
7																				
8									W	2	29.30		10			0C	N		10	
9																				
10																				
11																				
12									W	3	29.27		16			B	A		9	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal. { Received 9400 lbs / Expended 6000 lbs / On hand 23100 lbs

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

R. O'Bos.
Chief Quartermaster, U.S.Navy. rh

4.00 a.m. to 8.00 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 a.m. to 12.00 meridian.

No remarks.

C. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Meridian to 4.00 p.m.

Received 9500 lbs. coal.

R. O'Bos.
Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

No remarks.

R. O'Bos.
Chief Quartermaster, U.S.Navy. rb

8.00 p.m. to 12.00 midnight.

No remarks.

E E Smeth
Chief Quartermaster, USNRF-2. ees

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Saturday, January 19, 1918. 191

A. C. Wilvers, Lieut., (j.g.) U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	3	29.27		16			B	C		9	
5																				
6																				
7																				
8									W	2	29.30		2			B	AAs		8	
9																				
10																				
11																				
12									W	3	29.31		4			BC	AAS		6	

8 a. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
8 p. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperatures:
Maximum 61
Minimum 62

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	8700 lbs
	Expended	5800 lbs
	On hand	26000 lbs
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	3	29.34		18			BC	AL		8	
5																				
6																				
7																				
8									W	3	29.38		12			BC	AS		8	
9																				
10																				
11																				
12									W	2	29.43		6			BC	AS		9	

(This page to be sent to Bureau of Navigation monthly.)

4—2500

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 a.m. to 8.00 a.m.

No remarks.

R. Bos.
Chief Quartermaster, U.S.Navy. rb

8.00 a.m. to 12.00 meridian.

The following stores and supplies were received: from Schaffner Bros., 30 doz. eggs, 60 lbs. lard, 104 lbs. beef, fresh; from Mohican Co., 200 lbs. bread, fresh, 60 lbs. chicken; from M. J. Schabacker, 300 lbs. potatoes, from C. A. Curtze, 240 lbs, milk, evaporated.
Received from Wittman Bros. 8700 lbs. coal.
Senior Officer Present inspected ship and crew at 10.00 a.m.

R. Bos.
Chief Quartermaster, U.S.Navy. rb

Meridian to 4.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 p.m. to 8.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2, ees

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Sunday, January 20, 1918

A. C. Wilvers, Lieut. (jg), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	1	29.48		7			BC	CiS		7	
5																				
6																				
7																				
8									W	1	29.50	73	8			OZ	S		10	
9																				
10																				
11																				
12									W	1	29.64	70	12			BC	A		5	
P. M.																				
1																				
2																				
3																				
4									W	1	29.64		16			BC	Cu		4	
5																				
6																				
7																				
8									W	1	29.67		11			BC	Cu		5	
9																				
10																				
11																				
12									W	1	29.71		11			BC	CiCu		3	

Lat. and Long. a. m.

Lat. and Long. Noon.

Lat. and Long. p. m.

Current: Set / Drift

Magazine Temperatures:
Maximum 62
Minimum 62

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 5950 lbs / On hand 20050 lbs

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

No remarks.

R. Fox.
Chief Quartermaster, U.S.Navy. rb

Meridian to 4.00 p.m.

No remarks.

R. Fox.
Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Approved: A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:
U. S. N., Navigator.

4—2539

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Monday, January 21, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	1	29.72	55	10			OZ	S		10	
2																				
3																				
4									W	1	29.72	55	10			OZ	S		10	
5																				
6																				
7																				
8									W	1	29.76	55	10			OZ	S		10	
9																				
10																				
11																				
12									W	2	29.78	65	14			BC	X		4	

8 a. m. Latitude
Longitude

Noon. Latitude
Longitude

8 p. m. Latitude
Longitude

Current: Set
Drift

MAGAZINE TEMPERATURES:
Maximum 61
Minimum 62

Compass
S. H
Error
Variation
Deviation

Coal: Received
Expended 6000 lbs
On hand 14000 lbs

Fuel oil: Received
Expended
On hand

Water: Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1																				
2																				
3																				
4									W	2	29.64	65	21			BC	S		6	
5																				
6																				
7																				
8									S	1	29.58		16			BC	Ci		7	
9																				
10																				
11																				
12									S	1	29.48		24			BC	S		7	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith

Chief Quartermaster, USNRF-2. ees

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith

Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

The following stores and supplies were received: from M. J. Schabacker, 300 lbs. potatoes; from Mohican Co., 63 lbs. butter, 100 lbs. bread, fresh.

R. Boo

Chief Quartermaster, U.S.Navy. rb

Meridian to 4.00 p.m.

No remarks.

R. Boo

Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

The following stores and supplies were received from Swift & Co., 74 lbs. veal, 39 lbs frankfurters, and 34 lbs. beef liver.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight

No remarks.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy. cah

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Tuesday, January 22, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									0	0										
2																				
3																				
4									0	0	29.39	70	23			OS	N		10	
5																				
6																				
7																				
8									W	0-1	29.32	65	19			OS	N		10	
9																				
10																				
11																				
12									W	1	29.25	63	22			OS	AN		10	
P. M.																				
1																				
2																				
3																				
4									W	2	29.17	65	24			BC	A		5	
5																				
6																				
7																				
8									W	2	29.14	50	20			BC	CuN		6	
9																				
10																				
11																				
12									W	3	29.09		21			OC	S		10	

Lat. & Long. 8 a. m.: Latitude / Longitude

Lat. & Long. Noon: Latitude / Longitude

Lat. & Long. 8 p. m.: Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum 61
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal: Received 13950 lbs; Expended 6000 lbs; On hand 21250 lbs

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4:00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

Received from Wittman Bros. 8900 lbs. coal.

R. Bos.
Chief Quartermaster, U.S.Navy. rb

Meridian to 4.00 p.m.

Received from Wittman Bros. 4300 lbs. coal.
The follwoing stores and supplies were received from Shaffner Bros. Co., 85 lbs. beef, 34-1/2lbs. pork loins, 53-1/4 lbs. ham.

R. Bos.
Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

No remarks.

C. A. Hornberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Hornberg
Chief Gunners Mate, U.S.Navy. cah

Approved: A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:
U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie, nPa. TO Wedensday, January 23, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	3	29.34	63	11			OCS	AN		10	
5																				
6																				
7																				
8									W	2	29.37	63	10			BC	SA		7	
9																				
10																				
11																				
12									W	2	29.29	63	21			BC	SA		8	
P. M.																				
1																				
2																				
3																				
4									W	2	29.27	63	23			OS	N		10	
5																				
6																				
7																				
8									W	2	29.41	45	17			OX	N		10	
9																				
10																				
11																				
12									W	3	29.24	50	18			OC	N		10	

Noon. Latitude
Noon. Longitude

Current. Set
Current. Drift

Magazine Temperatures:
Maximum 62
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal. Received
Coal. Expended 5950 lbs
Coal. On hand 15300 lbs

Fuel oil. Received
Fuel oil. Expended
Fuel oil. On hand

Water. Distilled
Water. Received
Water. Expended
Water. On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 a.m/ to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridain.

Received from Shaffner Bros. Co., 37-1/2 lbs. pork loins and 30 doz. eggs.

R. Bos.
Chief Quartermaster, U.S.Navy. rb

Meridian to 4.00 p.m.

Received from Schabacker Co., 300 lbs potatoes.

R. Bos.
Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

No remarks.

C. a. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

No remarks.

C. a. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Thursday, January 24 1918

A. C. Rivers, Lieut. (j.g.), U. S. Navy Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Af.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									S	2	29.10	64	16			OCS	S		10	
5																				
6																				
7																				
8									S	3	28.98	68	14			OCS	S		10	
9																				
10																				
11																				
12									S	3	28.90	64	24			OCS	CuN		10	

Noon: Latitude / Longitude

P. M.: Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 64

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 6000 lbs / On hand 9300 lbs

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									S	3	28.83	64	32			OCS	CuN		10	
5																				
6																				
7																				
8									W	3	28.83	45	29			OCS	CuN		10	
9																				
10																				
11																				
12									W	3	28.93	40	24			OC	CuN		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2589

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4:00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

The following stores and provisions were received: from Mohican Co., 100 lbs. bread, fresh, 53 lbs. butter; from Shaffner Bros. Co. 62 lbs. corn beaf, 118 lbs. beef, 50 lbs pork sausage.

R Bo
Chief Quartermaster, U.S.Navy. rb

Meridian to 4.00 p.m.

Received 60 lbs. fish from Driscoll Co.,

R Bo
Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

1—2999

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Friday, January 25, 1918

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	2	28.96	65	24			OS	N		10	
5																				
6																				
7																				
8									W	1	28.96	65	24			OSC	NS		10	
9																				
10																				
11																				
12									W	3	28.96	65	26			OS	N		10	
P. M.																				
1									W	4	28.95	65	32			OS	N		10	
2																				
3																				
4																				
5																				
6																				
7																				
8									SW	1	29.26	60	20			OC	N		10	
9																				
10																				
11																				
12									W	1	29.38	65	16			OC	N		10	

s. a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

s. p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 64
Minimum 64

Compass
S. H
Error
Variation
Deviation

Coal. { Received 11000 lbs. / Expended 6000 lbs. / On hand 14300 lbs.

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 a.m. to 8.00

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

Received from M. J. Schabacker 300 lbs potatoes.

R. 930.
Chief Quartermaster, U.S.Navy. rb

Meridian to 4.00 p.m.

The following stores and provisions were received: from Erie Produce Co., 50 lbs. cabbage, 25 lbs. carrots; from Mohican Co., 75 lbs. chicken, 100 lbs. bread, fresh.
Received 11000 lbs coal from Wittman Co.,

R. 930.
Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

Received 5500 lbs coal from Wittman Co.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Holmberg
Chief Gunners Mate, U.S.Navy. cah

Approved: A. C. Wilvers
Lieutenant (jg) USNRF-2
Commanding

Examined:
U. S. N., Navigator.

4—2000

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Saturday, January 26 1918

A. C. Wilvers, Lieut. (j.g.) U. S. N. R. F. Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Courses	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1																				
2																				
3																				
4									0	0	29.58	65	6			BC	A		3	
5																				
6																				
7																				
8									SE	1	29.59	69	6			OC	AS		3	
9																				
10																				
11																				
12									E	2	29.56	65	7			OC	AN		10	

Lat. at noon: Latitude
Long. at noon: Longitude
Lat. at 8 P.M.: Latitude
Long. at 8 P.M.: Longitude
Current: Set / Drift

Magnetic Temperatures:
Maximum 62
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal: Received 5500 lbs; Expended 5060 lbs; On hand 14740 lbs
Fuel oil: Received / Expended / On hand
Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									E	2	29.52	65	12			OC	AN		10	
2																				
3																				
4																				
5																				
6																				
7																				
8									E	4	29.49	60	13			OS	N		10	
9																				
10																				
11																				
12									E	4	29.46	62	15			OS	N		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith

Chief Quartermaster, USNRF-2. ees

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith

Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

Commanding Officer inspected ship and crew.
Received 4500 lbs coal from Wittman Bros.
Received from Schaffner Bros. 96 lbs beef; from A. J. Hoffman 60 lbs butter.

R. Bos.

Chief Quartermaster, USS.Navy. rb

Meridian to 4.00 p.m.

No remarks.

R. Bos

Chief Quartermaster, U.S.Navy. rb

4.00 p.m. to 8.00 p.m.

No remarks.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy cah

8.00 p.m. to 12.00 midnight.

No remarks.

C. A. Holmberg

Chief Gunners Mate, U.S.Navy. cah

Approved:

A. C. Wilvers

Lieutenant (jg) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Sunday, January 27, 1918, 191

A. C. Wilvers, Lieut. (j.g.), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									E	3	29.50	70	7			OS	NS		10	
5																				
6																				
7																				
8									E	3	29.63	65	5			OS	NS		10	
9																				
10																				
11																				
12									E	3	29.67	57	8			BC	CuN		7	

Noon. Latitude ____ Longitude ____

8 P. M. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum 63
Minimum 64

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received ____ Expended 5060 lbs On hand 9680 lbs

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									E	3	29.68	50	10			BC	CiN		9	
5																				
6																				
7																				
8									E	2	29.74	71	2			OC	S		9	
9																				
10																				
11																				
12									E	3	29.90	71	2			OC	S		9	

(This page to be sent to Bureau of Navigation monthly.)

4—2569

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

4.00 a.m. to 8.00 a.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 a.m. to 12.00 meridian.

No remarks.

C. a. Holmberg
Chief Gunners Mate, ,U.S.Navy. cah

Meridian to 4.00 p.m.

No remarks.

C. a. Holmberg
Chief Gunners Mate, U.S.Navy. cah

4.00 p.m. to 8.00 p.m.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

8.00 p.m. to 12.00 midnight.

No remarks.

E E Smith
Chief Quartermaster, USNRF-2. ees

Approved:

A. C. Wilvers
Lieutenant (j.g.) USNRF-2
Commanding

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex.

AT OR EN ROUTE FROM Erie, Pa., TO ....., January 28, 1918

Albert C. Wilvers, Lt(jg)USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									East	3	29.50	65	6			os	cun		10	
5																				
6																				
7																				
8									East	3	29.30	65	11			os	oun		10	
9																				
10																				
11																				
12									South	2	29.16	50	22			bc	cin		10	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									South	2	29.11	62	28							
2																				
3																				
4									South	2	29.11	62	28			oc	cin		10	
5																				
6																				
7																				
8									W	3	29.30	78	21			ocs	cun		10	
9																				
10																				
11																				
12									W	3	29.30	47	21			ocs	cun		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX January 28, 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R. Bos
Chief Quartermaster, USN, RB

4:00 a.m. to 8:00 a .m.
No remarks.

R. Bos.
Chief Quartermaster, USN

8:00 a.m. to Meridian.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

Meridian to 4:00 p.m.
Received 41 lbs butter.
128 lbs pork loin)
130 lbs front beef) Schaffner Bros.
30 lbs eggs, 1 case)
50 lbs sausage.)
100 laaves of bread from Regan Bros.

C. A. Holmberg
Chief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
Received 4400 lbs coal Received 150 lbs onions and 300 lbs Potatoes from Erie Produce Company.

E E Smith
Chief Quartermaster, USNRF 2.

8:00 p.m. to Midnight.
No remarks.

E E Smith
Chief Quartermatser. USNRF 2.

Approved:

A. C. Wilvers
Lieutenant (jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex.

AT OR EN ROUTE FROM Erie, Pa., TO 29 Jan 1918, 191

Albert C. Wilvers Lt(jg) USNRF 2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	3	29.56	60	14			oc	cun		10	
5																				
6																				
7																				
8									SW	3	29.56	65	14			oc	cun		10	
9																				
10																				
11																				
12									W	2	29.60	66	18			hc	cun		9	
P. M.																				
1																				
2																				
3																				
4									W	3	29.63	43	19			bc	cun		3	
5																				
6																				
7																				
8									O	O	29.76	19	19			b	ci		3	
9																				
10																				
11																				
12									W	1	29.79	60	10			B	ci		3	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ..... Essex ..... 29 January 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

K. Boos.
Chief Quartermaster, USN RB

4:00 a.m. to 8:00 a.m.
No remarks

R. Boos.
Chief Quartermaster, USN

8:00 a.m. to Meridian.
Received 4700 lbs coal at 10 a.m. and at 10:35 received 5300 lbs coal.

C. A. Holmberg
Chief Gunners Mate, USN

Meridian to 4:00 p.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
No remarks.

E E Smith
Chief Quartermaster, USNRF 2.

8:00 p.m. to midnight.

No remarks.

E E Smith
Chief Quartermaster, USNRF 2

Approved:

A. C. Wilvers
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex.

AT OR EN ROUTE FROM Erie, Pa., TO ....., 30 January, 1918

Albert C. Wilvers Lt(jg) USNRF 2 *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									East	1	29.77	60	8			bc	ci		2	
5																				
6																				
7																				
8									Var	0-1	29.75	60	1			bc	scu		7	
9																				
10																				
11																				
12									E	p	29.74	58	16			bc	cus		9	
P. M.																				
1																				
2																				
3																				
4									E	1	29.62	75	20			bc	cus		2	
5																				
6																				
7																				
8									E	1	29.60	60	10			b				
9																				
10																				
11																				
12									E	1	29.60	60	10			b				

Lat. s. m. Latitude .....
Long. s. m. Longitude .....

Noon. Latitude .....
Noon. Longitude .....

Lat. s. p. m. Latitude .....
Long. s. p. m. Longitude .....

Current: Set .....
Current: Drift .....

MAGAZINE TEMPERATURES:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. Received .....
Coal. Expended .....
Coal. On hand .....

Fuel oil. Received .....
Fuel oil. Expended .....
Fuel oil. On hand .....

Water. Distilled .....
Water. Received .....
Water. Expended .....
Water. On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ..... Essex, ... 30 January 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R.O'Bos.
Chief Quartermaster, USN RB

4:00 a.m. to 8:00 a.m.
No remarks.

R.O'Bos
Chief Quartermaster, USN

8:00 a.m. to meridian
Received 4000 lbs coal, blacksmith. Received 50 lbs fish.

C. Halmberg
Chief Gunners Mate, USN CAH

Meridian to 4:00 p.m.
Received from Schaffner Bros.
1 front beef 98 lbs.
1 case eggs 30 lbs.

C. A. Halmberg
Chief hief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
300 lbs potatoes received from Erie Produce Co.

Chief Yeoman, U.S.Navy

8:00 p.m. to Midnight.

No remarks.

Chief Yeoman, USN.

Approved:

A. C. Wilvers
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex.

AT OR EN ROUTE FROM Erie, Pa. TO ....., 31 January, 1918

Albert C. Wilvers Lt(jg) USNRF 2, *U. S. Navy, Commanding.*

HOUR.	ERGS.	TENTHS.	PATENT LOG.	TENTHS.	AVERAGE REVS.	TENTHS.	ENGINE COUNTER.	COURSE.	WIND. DIRECTION.	WIND. FORCE.	BAROMETER. HEIGHT IN INCHES.	BAROMETER. THER. AT.	TEMPERATURE. AIR DRY BULB.	TEMPERATURE. AIR WET BULB.	TEMPERATURE. WATER AT SURFACE.	WEATHER BY SYMBOLS.	CLOUDS. FORM.	CLOUDS. MOVING FROM.	CLOUDS. AMOUNT.	SEA.
A. M.																				
1																				
2																				
3																				
4									NE	2	29.72	70	10			oc	cum		10	
5																				
6																				
7																				
8									NE	2	29.72	70	10			oc	cum		10	
9																				
10																				
11																				
12									W	1	29.77	65	17			oc	cus		10	

Lat. & Long. A. M.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
Lat. & Long. P. M.	Latitude	
	Longitude	
Current	Set	
	Drift	

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

HOUR.	ERGS.	TENTHS.	PATENT LOG.	TENTHS.	AVERAGE REVS.	TENTHS.	ENGINE COUNTER.	COURSE.	WIND. DIRECTION.	WIND. FORCE.	BAROMETER. HEIGHT IN INCHES.	BAROMETER. THER. AT.	TEMPERATURE. AIR DRY BULB.	TEMPERATURE. AIR WET BULB.	TEMPERATURE. WATER AT SURFACE.	WEATHER BY SYMBOLS.	CLOUDS. FORM.	CLOUDS. MOVING FROM.	CLOUDS. AMOUNT.	SEA.
P. M.																				
1																				
2																				
3																				
4									W	1	29.76	64	16			oc	cis		10	
5																				
6																				
7									W	1	29.80	68	8			b	ci		5	
8																				
9																				
10																				
11																				
12									W	1	29.82	7P	0			b	ci		3	

(This page to be sent to Bureau of Navigation monthly.)

4—2500

UNITED STATES SHIP ..... January 31, 1918 ..... U.S.S. Essex.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R.B.
Chief Quartermaster, USN. RB

4:00 a.m. to 8:00 a.m.

No remarks.

R.B.
Chief Quartermaster, USN

8:00 a.m. to Maridian.
Received 100 lbs bread.

C. A. Holmberg
Chief Gunners Mate, USN CAH

Meridian to 4:00 p.m.
Received from Scharfner Bros.
3 pork loins.
1 hind quarter beef.

C. A. Holmberg
Chief Gunners Mate, U.S. N.

4:00 p.m. to 8:00 p.m.
Received 5100 lbs coal. C.J. Jansen CY was transferred to Great Lakes, Illinois. Received a consignment of hardware.

E E Smith
Chief Quartermaster, USNRF Class 2

8:00 p?m. to Midnight.

No remarks. E E Smith.
Chief Quartermaster, USNRF class 2.

Approved:
A. C. Wilvers
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP _____

AT OR EN ROUTE FROM _____ TO _____, 191

_____, _____, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Therm. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet-Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

8 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum _____

Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

APR 9 - 1918

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. Yan tic

_____ Rate,

COMMANDED BY

Albert C. Wilvers Lieut(jg) USNRF 2., U. S. Navy,

Attached to Great Lakes Division,
Great Lakes Squadron,
Great Lakes Fleet,

Commencing February 1, 1918, 191 ,

at Erie, Pennsylvania,

and ending February 28, 1918, 191 ,

at Erie, Pennsylvania.

1915.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LOG BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. Yantic., commanded by Albert C. WilversLt(jgUSNRF 2, U. S. N., during the period covcred by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 February, 1918, to 28 February, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
Albert C. Wilvers	Lt(jg) USNRF	11 June 1917		
Hyde, Arthur	Lt(jg) USNRF 3	5 Nov 1917		
Weer, HQL.	Asst Surg USNRF4	19 Sep 1917		
Kennedy, J.F.	ADent Surg			Temporary duty from Great Lakes, Ill.
Hankey, James P.	Asst Paymaster	2 May 1917		

Examined and found to be correct.

A. C. Wilvers

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. Yantic at end of period covered by this log book, February 28, 1918, 191

Number allowed.	Ratings.	Number on board.	Number allowed.
	SEAMAN BRANCH.		
	Chief Master-at-Arms		
	Master-at-Arms, first class		
	Master-at-Arms, second class		
	Master-at-Arms, third class		
	Chief Boatswain's Mate	1	
	Boatswain's Mates, first class	2	
	Boatswain's Mates, second class	2	
	Coxswains	2	
	Chief Gunner's Mate	1	
	Gunner's Mates, first class		
	Gunner's Mates, second class		
	Gunner's Mates, third class		
	Chief Turret Captains		
	Turret Captains, first class		
	Chief Quartermaster (Navigating)	1	
	Chief Quartermaster (Signals)		
	Quartermaster, first class	1	
	Quartermaster, second class		
	Quartermaster, third class		
	Seamen	1	
	Ordinary Seamen	11	
	Apprentice Seamen		
	Total	22	
	ARTIFICER BRANCH.		
	Chief Electrician		
	Electricians, first class		
	Electricians, second class		
	Electricians, third class		
	Chief Electrician (Radio)		
	Electricians, first class (Radio)		
	Electricians, second class (Radio)		
	Electricians, third class (Radio)		
	Chief Carpenter's Mate	1	
	Carpenter's Mates, first class		
	Carpenter's Mates, second class	2	
	Carpenter's Mates, third class		
	Shipwrights		
	Shipfitters, first class		
	Shipfitters, second class	1	
	Blacksmiths	1	
	Plumbers and Fitters	1	
	Sailmaker's Mates		
	Printers		
	Painters, first class	1	
	Painters, second class		
	Painters, third class		
	Total	7	
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.		
	Chief Machinist's Mates	2	
	Machinist's Mates, first class	4	
	Machinist's Mates, second class	1	
	Chief Water Tenders	1	
	Water Tenders	2	
	Boiler Maker	2	
	Blacksmiths		
	Coppersmiths		
	Oilers	2	
	Firemen, first class	4	
	Firemen, second class		
	Coal Passers		
	Total	18	
	SPECIAL BRANCH.		
	Chief Yeoman—Commanding Officer	1	
	Chief Yeoman—Equipment Department		
	Chief Yeoman—Pay Department	1	
	Chief Yeoman—Engineer Department		
	Chief Yeoman—Executive Officer	1	
	Yeoman, first class—Commanding Officer		
	Yeoman, first class—Equipment Department		
	Yeoman, first class—Executive Officer		
	Yeoman, first class—Pay Department GSK	1	
	Yeoman, first class—Engineer Department		
	Yeoman, first class—Ship's Store		
	Yeoman, second class—Commanding Officer		
	Yeoman, second class—Ordnance Officer		
	Yeoman, second class—Executive Officer		
	Yeoman, second class—Navigator		

Ratings.	Number on board.
SPECIAL BRANCH—Continued.	
Yeoman, second class—ctd.—Pay Department	
Yeoman, second class—ctd.—Engineer Department	
Yeoman, second class—ctd.—Ship's Store	
Yeoman, third class—Commanding Officer	
Yeoman, third class—Equipment Department	
Yeoman, third class—Pay Department	
Yeoman, third class—Ship's Store	
Yeoman, third class—Engineer Department	
Yeoman, third class—Navigator	
Yeoman, third class—Executive Officer	
Hospital Steward	
Hospital Apprentices, first class PM2c	1
Hospital Apprentices 2c	1
Buglers	1
Bandmaster	
First Musician	
Musician, first class	
Musicians, second class	
Total	7
COMMISSARY BRANCH.	
Chief Commissary Steward	1
Commissary Steward	
Ship's Cooks, first class	1
Ship's Cooks, second class	
Ship's Cooks, third class	
Ship's Cooks, fourth class	
Bakers, first class	1
Bakers, second class	
Total	3
MESSMEN BRANCH.	
Cabin Steward	
Cabin Cook	
Mess Attendant	1
Wardroom Steward	
Wardroom Cook	1
Mess Attendants	9
Mess Attendants (Laundry)	
Steerage Steward	
Steerage Cook	
Mess Attendants	
Warrant Officers' Steward	
Warrant Officers' Cook	
Mess Attendants	
Total	11
ADDITIONAL FOR FLAGSHIP.	
Chief Quartermaster	
Quartermaster, first class	
Quartermaster, second class	
Quartermaster, third class	
Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
Coxswains to Commander in Chief	
Coxswain, Chief of Staff	
Seamen	
Ordinary Seamen	
Musicians, first class	
Musicians, second class	
Printer	
Chief Yeoman	
Yeoman, first class	
Yeoman, second class	
Yeoman, third class	
Steward to Commander in Chief	
Cabin Steward	
Cabin Steward to Chief of Staff	
Cook to Commander in Chief	
Mess Attendants	
Mess Attendants, Staff	
Total	
MARINE GUARD.	
Sergeant Majors	
Quartermaster Sergeants	
Gunnery Sergeants	
First Sergeants	
Sergeants	
Corporals	
Drummers and Trumpeters	
Privates	

4—2599

Examined and found to be correct.

A. H. Wilcox

Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ~~Yantic~~

MAIN BATTERY.

GUNS.					REMARKS.	SHIP AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.		No.	Type.	Mark and Modifications.	

SECONDARY BATTERY.

GUNS.			REMARKS.	SHIP, BOAT, AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Mark and Modifications.		No.	Type.	Mark and Modifications.	
		Mark X					
2	3-pdr	Mod I					
2	1-pdr						

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	REMARKS.
1	Spring	30	30	1903	
5	Krag	30	30	1898	

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

A. C. Wilvers

Navigator.

4—220

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. 387 ON BOARD THE U. S. S. Yantic.

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.						
ANEROID BAROMETER.	Scott & Mason London Taylor. Rochester NY	668	charthouse			
THERMOMETER (Dry Bulb).	Taylor Rochester NY	431921	bridge			
THERMOMETER (Wet Bulb). (Psychrometer.)	Taylor Rochester, NY	432770	Bridge			

Examined and found to be correct.

R. C. Wilcox

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Page .....

LOG OF THE UNITED STATES SHIP U.S.S. Yantic.

AT OR EN ROUTE FROM Erie, Pa. TO 1 February 1918 191

Albert C. Wilvers Lt(jg)-USNRF 2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
A. M.																				
1																				
2																				
3																				
4									W	1	29.85	71	1			bc	cu		3	
5																				
6																				
7									W	1	29.89	73	3			bc	cu			
8																			5	
9																				
10																				
11									NE	1	29.88	73	3			bc	cu			
12																			6	

Lat. s. m. Latitude .....
Long. s. m. Longitude .....

Lat. Noon. Latitude .....
Long. Noon. Longitude .....

Lat. p. m. Latitude .....
Long. p. m. Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	1	29.83	74	7			bc	cu		3	
5																				
6																				
7																				
8									Calm	0	29.78	65	2			bc	cu		3	
9																				
10																				
11																				
12									Calm	0	29.68	70	4			bc	cu		4	

4—2509

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic ..... February 1, 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks. French S. CBM returned from leave.

R. Ross
Chief Quartermaster, FNR,USN.

4:00 a.m. to 8:00 a.m.
No remarks.

R. Ross
Chief Quartermaster, FNR USN

8:00 a.m. to Meridian
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

Meridian to 4:00 p.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN.

4:00 p.m. to 8:00 p.m.
No remarks.

E E Smith
Chief Quartermaster, USNRF Class 2.

8:00 p.m. to Midnight.
No remarks.

E E Smith
Chief Quartermaster, USNRF 2.

Approved: A. C. Wilvers
Lieutenant, (jg) USNRF Class 2.
Commanding Officer.

Examined:
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP February 2, 1918: U.S.S. Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 2 February 1918 191

Albert C. Hilvers Lt(jg) USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3									SW	3	29.62	70	2			bc	cu			
4																			4	
5																				
6																				
7									SW	3	29.62	70	2			bc	cu			
8																			4	
9																				
10																				
11																				
12									W	2	29.58	50	15			bc	cun		5	

Lat. and Long. at Noon: Latitude _____ Longitude _____

Noon: Latitude _____ Longitude _____

Lat. and Long. at 8 P.M.: Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures: Maximum _____ Minimum _____

Compass _____ S. H _____ Error _____ Variation _____ Deviation _____

Coal: Received _____ Expended _____ On hand _____

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	1	29.52	62	20			bc	cu		4	
5																				
6																				
7																				
8									W	2	29.49	70	17			bc	cu		4	
9																				
10																				
11																				
12									W	2	29.43	74	15			bc	ci		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic 2 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R. Bos.
Chief Quartermaster, FNR, USN

4:00 a.m. to 8:00 a.m.
No remarks.

R. Bos.
Chief Quartermaster, FNR, USN

8:00 a.m. to Meridian.
Inspection of the ship by the Commanding Officer. At all hands aft published letter from Great Lakes, concerning Divine service dated January 23, 1918.

C. A. Holmberg
Chief Gunners Mate, FNR USN

Meridian to 4:00 p.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, FNR USN

4:00 p.m. to 8:00 p.m.
No remarks.

E E Smith
Chief Quartermaster, USNRF 2

8:00 p.m. to Midnight.
No remarks.

E E Smith
Chief Quartermaster, USNRF 2

Approved:

A. C. Wilvers
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO ....., 3rd February, 1918

Albert C. Wilvers Lt(jg) USNRF 2., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
A. M.																				
1																				
2																				
3																				
4									WW	3	29.20	60	20			os	cun			
5																			10	
6																				
7																				
8									W	3	29.16	60	29			os	cun			
9																			10	
10																				
11																				
12									W	3	29.20	60	25			os	cun			
																			10	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	3	29.21	60	23			os	N		10	
5																				
6																				
7																				
8									W	4	29.22	60	21			os	N		10	
9																				
10																				
11																				
12									W	5	29.30	60	10			os	N		10	

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... U.S.S. Yantic 8 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R.O'Bos.
Chief Quartermaster, FNR, USN

4:00 a.m. to 8:00 a.m.
No remarks.

R.O'Bos.
Chief Quartermaster, USN FNR(D)

8:00 a.m. to Meridian.
No remarks.

E E Smith
Chief Quartermaster, USNRF 2

Meridian to 4:00 p.m.
No remarks.

E E Smith
Chief Quartermaster, USNRF 2

4:00 p.m. to 8:00 p.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN FNR (D)

8:00 p.m to Midnight
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN FNR(D)

Approved:

A. C. Wilvers
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic,

AT OR EN ROUTE FROM Erie, Pa., TO _____, 4 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3									W	3	29.38	57	8			bc	cun			
4																				
5																			5	
6																				
7																				
8									W	2	29.44	58	9			bc	cun			
9																			3	
10																				
11																				
12									W	3-4	29.44	62	1			bc	cun		8	

Sa. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

Sp. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	2	29.51	77	0			OCS	cun		9	
5																				
6																				
7																				
8									NW	2	29.60	60	12			c				
9																				
10																				
11																				
12									NW	2	29.62	64	15			c				

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic. ..... 4th February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. A. Hofmberg
Chief Gunners Mate, USN FNR

4:00 a.m. to 8:00 a.m.
No remarks.

C. A. Hofmberg
Chief Gunners Mate, FNR, USN

8:00 a.m. to Meridian.
Harry Ellsworth Gordon and Paul Edwin Mueller enrolled as Boilermaker and CM2c respectfully in the USNRF Class 4 this date.

E E Smith
Chief Quartermaster, USNRF 2.

Meridian to 4:00 p.m.
No remarks.

E E Smith
Chief Quartermaster, USNRF 2.

4:00 p.m. to 8:00 p.m.
No remarks.

R. A. Boo.
Chief Quartermaster, FNR USN

8:00 p.m. to Midnight
No remarks.

R. A. Boo.
Chief Quartermaster, FNR USN

Approved:

A. C. Wilvers
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa. TO _____, 5th February, 1918

Albert C. Wilvers Lt(jg) USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									W	1	29.74	60-16				bc	N		
5																			2
6																			
7																			
8									W	1	29.84	55-16				bc	N		
9																			2
10																			
11																			
12									W	1	29.82	66-12				bc	cus		9

a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																			
1																			
2																			
3																			
4									W	1	29.80	68 2				bc	sc		8
5																			
6																			
7																			
8									S	3	29L52	60 4				ov	cun		10
9																			
10																			
11																			
12									S	3	29.37	60 11				oc	cun		10

4—2500

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic. ..... 5th February 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN FNR

4:00 a.m. to 8:00 a.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN, FNR

8:00 a.m. to Meridian
No remarks.

E E Smith
Chief Quartermaster, USNRF class 2.

Meridian to 4:00 p.m.
No remarks.

E E Smith
Chief Quartermaster, USNRF Class 2.

4:00 p.m. to 8:00 p.m.
No remarks.

R. Box
Chief Quartermaster, USN, FNR

8:00 p.m. to Midnight.
No remarks.

R. Box
Chief Quartermaster, USN, FNR

Approved:

L. C. Wilvers
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO _____, 6th Feb 1918., 191

Lt(jg) Albert C. Wilvers., USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	3	29.33	60	25			oc	N			
5																			10	
6																				
7																				
8									SW	3	29.25	60	36			oc	N			
9																			10	
10																				
11																				
12									SW	2	29.21	60	34			oc	N		10	

Sa. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

Sp. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									SW	2-3	29.18	75	40			ocr	N		10	
5																				
6																				
7																				
8									SW	1	29.18	55	36			oc	N		10	
9																				
10																				
11																				
12									SW	1	29.18	58	36			oc	N		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Yantic, 6 February 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. a. Holmberg
CGM, USN, FNR(D)

4:00 a.m. tom8:00 a.m.
No remarks.

C. a. Holmberg
CGM, USN, FNR(D)

8:00 a.m. to Meridian.
No remarks.

E E Smith
CQM, USNRF-2

Meridian to 4:00 p.m.
No remarks.

E E Smith
CQM, USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R O Box
CQM, USN, FNR(D)

8:00 p.m. to Midnight.
No remarks.

R. O Box.
CQM, USN, FNR(D)

Approved:

A. C. Wilcox
Lieutenant(jg) USNRF2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2590

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic,

AT OR EN ROUTE FROM Erie, Pa., TO 7 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M. 1																			
2																			
3																			
4									NW	0-1	29.34	50	30			oc	N		10
5																			
6																			
7																			
8									W	2	29.44	61	24			oc	N		10
9																			
10																			
11																			
12									W	1	29.54	50	26			oc	N		9

Noon. Latitude / Longitude

P. M. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass / S. H / Error / Variation / Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.	Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
1																				
2																				
3																				
4										SW	1	29.50	32	32			oc	acu		8
5																				
6																				
7																				
8										W	2	29.58	60	28			oo	cun		10
9																				
10																				
11																				
12										NE	3	29.66	60	20			oo	cun		10

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ..... Yantic 7 February 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C.A. Holmberg
CGM, USN, FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

C.A. Holmberg
CGM, USN, FNR(D)

8:00 a.m/ to meridian.
No remarks.

E E Smith
CQM, USNRF)2

Meridian to 4:00 p.m.
Received one crowbar. George K. Cleveland, MAlc, USNRF returned on board at 12:30 under the influence of liquor and was placed in confinement at 1:00 p.m. escaped by breaking brig door . Was removed and placed in Essex brig. to await action of the Commanding Officer.

E E Smith
CQM, USNRF-2

4:00 p/m. to 8:00 p.m.
No remarks.

R. Bos.
CQM, USN, FNR(D)

8:00 p.m. to Midnight.

J.A. Moncrief, Cox., USN returned from three days leave of absence.

R. Bos.
CQM, USN, FNR(D)

Approved:

A.C. Wilcox
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO ....., 8 Feb 1918, 191

Lt(jg) Albert C. Milvers. USNRF2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									East	1	29.74	67	12			oc	cun		10	
5																				
6																				
7																				
8									East	1	29.74	70	10			bc	cun		5	
9																				
10																				
11																				
12									NE	1	29.73	70	26			bc	ci		3	

s. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									E	1	29.66	90	30			bc	acu		0	
5																				
6																				
7																				
8									SE	3	29.48	60	32			r	cun		10	
9																				
10																				
11																				
12									SE	6	29.38	60	32			r	cun		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic 8 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. A. Holmberg
CGM, USN(FNR (D)

4:00 a.m. to 8:00 a.m.
No remarks.

C. A. Holmberg
CGM, USN, FNR(D)

8:00 a.m. to Meridian.
Captain Wilvers held mast and awarded the following punishments:
G.K. Cleveland, MAlc, SCM
D.S. Van Vleet, Sea2c - SCM(ESSEX).

E E Smith
CQM, USNRF-2

Meridian to 4:00 p.m.
Installed extension telephone on board ship from Wolverine.

E E Smith
CQM, USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R Bos.
CQM, USN, FNR(D)

8:00 p.m. to Midnight.
French, S. left for Great Lakes Training Station for examination as warrant officer. Frank Goetz, MMlc, NNV returned from leave.

R Bos.
CQM, USN, FNR(D)

Approved:

A. C. Wilvers.
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 9 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF2, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
A. M.																				
1																				
2																				
3																				
4									W	3-4	29.29	74	40			ocr	n		10	
5																				
6																				
7																				
8									W	3-4	29.22	73	45			ocr	n		10	
9																				
10																				
11																				
12									W	3	29.40	75	29			ocrs	N		10	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	2	29.50	75	28			ocs	N		10	
5																				
6																				
7																				
8									W	2	29.54	65	22			oc	cun		10	
9																				
10																				
11																				
12									W	2	29.54	65	22			oc	cun		10	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic 9 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C a. Holmberg
CGM, USNRFNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

C a. Holmberg
CGM, USN, FNR(D)

8:00 a.m. to Meridian.
No remarks.

C E Smith
CQM, USNRF-2

Meridian to 4:00 p.m.
Lloyd, Fitzhugh left on tend days leave of absence.

C E Smith
CQM, USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R. Bos.
CQM, USN, FNR(D)

8:00 p.m. to Midnight.
Warren L. Porter Elcg,NNV and Charles H. Killian, Flc,NNV were transferred this date to Naval Rifle range, Peekskill, N.Y. in accordance with Commandant's Naval Training Station, Great Lakes,Ills telegram 15209

R. Bos.
CQM, USN, FNR(D)

Approved:

A. C. Wilcox
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2999

(This page to be sent to Bureau of Navigation monthly.)

Page ....

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO , 10 Feb 1918, 191

Lt(jg) Albert C. Wilvers, USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
A. M.																				
1																				
2																				
3																				
4									W	2	29.45	62	33			bc	cu		6	
5																				
6																				
7																				
8									W	1	29.32	62	24			bc	cu		5	
9																				
10																				
11																				
12									W	3	29.28	60	30			bc	cu		8	

1a. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
1p. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperatures:

Maximum

Minimum

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	3	29.27	60	32			oc	cun		10	
5																				
6																				
7																				
8									W	0-1	29.37	60	32			oc	cun		10	
9																				
10																				
11																				
12									W	1	29.38	61	31			oc	cun		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Yantic, 10 February 1918

REMARKS.

ommences and until 4:00 a.m.
No remarks.

C.A. Holmberg
CGM, USN, FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

C.A. Holmberg
CGM, USN, FNR(D)

8:00 a.m. to meridnai.
No remarks.

R. Bos
CQM, USN, FNR(D)

eridian to 4:00 p.m.
No remarks.

R. Bos.
CQM, USN, FNR(D)

:00 p.m. to 8:00 p.m.
No remarks.

C.A. Holmberg
CGM, USN, FNR(D)

:00 p.m. to Midnight.
Atb8:1o T.J. McGraw SC2c returned 109 hours and ten minutes overtime from liberty.

C.A. Holmberg
CGM, USN, FNR(D)

Approved:

A.B. Wilvers.
Lieutenant (jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2590

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO ____, 11 Feb 1918, 191

Lt(jg) Albert C. Wilvers, USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									SW	3	29.25	60	35			bc	ci		
5																			3
6																			
7																			
8									SW	3	29.21	66	32			bc	ci		
9																			5
10																			
11																			
12									SW	2	29.17	60	44			bc	ci		3

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current. Set	
Current. Drift	

Magazine Temperatures:

Maximum ____

Minimum ____

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									SW	3	29.12	60	50			bc	ci			3
5																				
6																				
7																				
8									SW	3	29.10	63	49			oc	cun			10
9																				
10																				
11																				
12									SW	3	29.08	65	50			oc	cun			10

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yamtic 11 February 1918.

REMARKS.

ommences and until 4:00 a.m.
No remarks.

E E Smith
CQM,USNRF-2

:00 a.m. to 8:00 a.m.
No remarks.

E E Smith
CQM,USNRF-2

:00 a.m. to meridian.
Specifications forSCM was delivered to HA.Crowley, Sea;NNV USS Essex,
.S. VanVleet, NNV,USS Essex. and George K. Cleveland, MAlc, Yantic. at 11:30

R. Bos.
CQM, USN,FNR(D)

eridian to 4:00 p.m.
S.C.M. convened to try H.A. Crowley,Sea and D.S. Van Vleet, S2c,USS
SSex and George K. Cleveland, MAlc USNRF for drunkeness and destroying Govt
roperty.

R. Bos
CQM,USN,FNR(D)

:00 p.m. to 8:00 p.m.
No remarks.

C.a. Holmberg
CGM, USN, FNR(D)

:00 p.m. to midnight
No remarks.

C.a. Holmberg
CGM,USN,FNR(D)

Approved:
A.C. Wilcox.
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Ventic.

AT OR EN ROUTE FROM Erie, Pa., TO _____, 12 Feb 1918, 191

Lt(jg) Albert C. Milvers, USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									SW	2	29.06	60	50			ocr	n		
5																			10
6																			
7																			
8									SW	3	29.02	60	50			ocr	N		
9																			10
10																			
11																			
12									SW	3	29.96	60	47			ocr	cum		10

Lat. Noon: Latitude _____ Longitude _____

Lat. P. M.: Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magnetic Temperatures: Maximum _____ Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal: Received _____ Expended _____ On hand _____

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																			
1																			
2																			
3																			
4									SW	4	28.72	60	45			ocr	cun		10
5																			
6																			
7																			
8									SW	5	28.80	57	35			ocr	cun		10
9																			
10																			
11																			
12									SW	4	29.02	64	30			oc	cun		10

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Yantic. 12 February 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C C Smith
Chief Quartermaster, USNRF-2

4:00 a.m. to 8:00 a.m.
No remarks.

C C Smith
CQM, USNRF-2

8:00 a.m. to Meridian.
Received lumber from Lyman Felheim Co.

R Boos.
CQM, USN, FNR(D)

Meridian to 4:00 p.m.
No remarks.

R Boos.
CQM, USN, FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

C A Holmberg
CGM, USN, FNR(D)

8:00 p.m. to Midnight.
At 9:50 p.m. T.J. McGraw, SC2c USNRF Class 4 was transferred to the Naval Station with bag and hammock as G.C.M. Prisoner, in charge of C.A. Olson, CY. C.A. Olson having delivered above named man according to instructions will proceed on ten days leave.

C A Holmberg
CGM, USN, FNR(D)

Approved:

A. C. Wilbers
Lieutenant(jg) USNRF -2
Commanding Officer.

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 13 February 1918 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3									W	2	29.20	60	32			ocs	cun			
4																				
5																			10	
6																				
7																				
8									W	1	29.30	60	27			bcs	cun			
9																			10	
10																				
11																				
12									W	2	29.34	55	39			oc	cun			
																			10	

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended / On hand

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	2	29.38	55	34			oc	cun		10	
5																				
6																				
7																			8	
8									W	1	29.43	45	33			bc	cun			
9																				
10																				
11																			4	
12									W	3	29.47	52	35			bc	cu			

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP Yantic 13 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.
E E Smith
CQM, USNRF-2

4:00 a.m. to 8:00 a.m.
No remarks.
E E Smith
CQM, USNRF-2

8:00 a.m. to Meridian.
Received 20 cases milk from Great Lakes.
R. Boe.
CQM, USN, FNR(D)

Meridian to 4:00 p.m.
No remarks.
R. Boe
CQM, USN, FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.
C. A. Holmberg
CGM, USN, FNR(D)

8:00 p.m. to Midnight.
No remarks.
C. A. Holmberg
CGM, USN, FNR(D)

Approved:
A. C. Wilcox.
Lieutenant (jg) USNRF-2.
Commanding Officer?

Examined:

U. S. N., Navigator.

4—2399

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 14 February, 1918

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount
A. M.																			
1																			
2																			
3																			
4									W	2	29.20	60	32			ocs	cun		10
5																			
6																			
7																			
8									W	1	29.30	60	27			ocs	cun		10
9																			
10																			
11																			
12									W	2	29.34	55	39			oc	cun		10
P. M.																			
1																			
2																			
3																			
4									W	2	29.38	55	34			oc	cun		10
5																			
6																			
7																			
8									W	1	29.43	45	33			bc	cun		8
9																			
10																			
11																			
12									W	3	29.47	52	35			bc	cu		4

Lat. and Long. at 8 a. m.: Latitude ____ Longitude ____

Lat. and Long. at Noon: Latitude ____ Longitude ____

Lat. and Long. at 8 p. m.: Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures: Maximum ____ Minimum ____

Compass ____ S. H ____ Error ____ Variation ____ Deviation ____

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP 14 February U.S.S. Yantic.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

E E Smith
CQM, USNRF-2

4:00 a.m. to 8:00 a.m.
No remarks.

E E Smith
CQM, USNRF-2

8:00 a.m. to Meridian.
No remarks.

R. Bos.
CQM, USNRFNR(D)

Meridian to 4:00 p.m.
No remarks.

R. Bos.
CQM, USN-FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

C. A. Holmberg
CGM, USN, FNR(D)

8:00 p.m. to midnight.
No remarks.

C. A. Holmberg
CGM, USN, FNR(D)

Approved:

A. C. Wilcox.
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 15 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
A. M.																				
1																				
2																				
3																				
4									W	2	29.20	60	32			ocs	cun			
5																			10	
6																				
7																				
8									W	1	29.30	60	27			ocs	cun			
9																			10	
10																				
11																				
12									W	2	29.34	55	39			oc	cun			
																			10	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. Received _____ Expended _____ On hand _____

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
P. M.																				
1																				
2																				
3																				
4									W	2	29.38	55	34			oc	cun		10	
5																				
6																				
7																				
8									W	1	29.43	45	33			bc	cun		8	
9																				
10																				
11																				
12									W	3	29.47	52	35			bc	cu		4	

4—2509

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic 15 February 1918.

REMARKS.

Commences and until 4:00 a.m.
G.B. Smith,S2c and TV McMullen were brought back from liberty by master at arms and placed in brig awaiting action of the Commanding Officer, for drinking liquor.

E.L. Smith
CQM, USNRF-2

4:00 a.m. to 8:00 a.m.
No remarks.

E.L. Smith
CQM,USNRF-2

8:00 a.m. to Meridian.
No remarks.

R. Boo.
CQM,USN-FNR(D)

Meridian to 4:00 p.m.
Noremarks.

R. Boo.
CQM,USN-FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

C.A. Holmberg
CGM,USN-FNR(D)

8:00 p.m. to Midnight.
No remarks.

C.A. Holmberg
CGM,USN-FNR(D)

Approved:

A.G. Wilbers
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP 16 Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 16 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3									NE	1	29.80	60	12			bc	cicu		4
4																			
5																			
6																			
7																			
8									NE	1	29.78	65	10			bc	cicu		4
9																			
10																			
11																			
12									NE	1	29.72	60	17			bc	acu		7

3 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																			
1																			
2																			
3																			
4									NE	3	29.52	60	19			ocs	cun.		10
5																			
6																			
7																			
8									NE	2	29.54	56	16			ocs	cun		10
9																			
10																			
11																			
12									NW	1	29.56	68	14			ocs	cun		10

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic, 16 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

E E Smith
CQM, USNRF-2

4:00 a.m. to 8:00 a.m.
No remarks.

E E Smith
CQM, USNRF-2

8:00 a.m. to Meridian.
Commanding Officer inspected ship and crew.

R Bos
CQM, USN, FNR(D)

Meridian to 4:00 p.m.
Received wagon load of GSK stores.

R Bos
CQM, USN, FNR(D)

4:00 p.m. to 8:00 p.m.
Received anothe load of GSK stores for Essex. 4:50 Assistant Dental Surgeon W.J. Kennedy and N.D. Christman, HA2c, reported on board for temporary duty from Great Lakes. Received stores for Wardroom mess received wagon load of GSK stores.

C a Holmberg
CGM, USN, FNR(D)

8:00 p.m. to midnight.
No remarks.

C a Holmberg
CGM, USN, FNR(D)

Approved:

A B Wilcox
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 17 Feb 1918. 191

Lt(jg) Albert C. Wilvers USNRF-2., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Tenths.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Af.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									E	1	29.88		5			bc	cun		6
5																			
6																			
7																			
8									E	1	29.86		4			bc	acu		6
9																			
10																			
11																			
12									W	1	29.90		15			bc	cicu		4

Noon: Latitude _____ Longitude _____

2 P.M.: Latitude _____ Longitude _____

6 P.M.: Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magnetic Temperatures:

Maximum _____

Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal: Received _____ Expended _____ On hand _____

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																			
1																			
2																			
3																			
4									W	1	29.92		19			bc	cicu		5
5																			
6																			
7																			
8											29.96		8			bc	cicu		4
9																			
10																			
11																			
12											29.96		8			bc	cicu		1

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic, 17February 1918 .....

REMARKS.

Commences and until 4:00 a.m.
No remarks.

E E Smith
CQM,USNRF-4

4:00 a.m. to 8:00 a.m.
No remarks.

E E Smith
CQM,USNRF-2

8:00 a.m. to Meridian.
9:30 Held devine service.

C a. Holmberg
CGM, USN-FNR(D)

Meridian to 4:00 p.m.
No remarks.

C a. Holmberg
CGM, USN-FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

R Bos.
CQM, U SN- FNR(D)

8:00 p.m. to Midngight.
No remarks.

R Bos.
CQM,USN-FNR(D)

Approved:

A. G. Wilcox
Lieutenant(jg) USNRF Class 2.
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page _____.

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM 18 February 1918 TO Erie, Pa., 18 February 1918

Lt(jg) Albert C. Wilvers, USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									S	2	29.96n	65	6			oc	cun		10
5																			
6																			
7																			
8									S	2	29.96	60	7			oc	cun		10
9																			
10																			
11																			
12									SW	1	29.81	50	26			oc	cun		10

a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum _____

Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																			
1																			
2																			
3																			
4									S	1	29.67	53	37			bc	cicu		9
5																			
6																			
7																			
8									SW	3-4	29.52	75	35			bc	cicu		6
9																			
10																			
11																			
12									SW	3	29.50	75	3			bc	cicu		6

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic 18 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R. C. Bos
CQM, USN,FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

R. C. Bos.
CQM,USN-FNR(D)

8:00 a.m. to Meridian.
At 11:05 served specifications of S.C.M. in the case of L.R. Johnson MAlc,

C. a. Holmberg
CGM,USN-FNR(D)

Meridian to 4:00 p.m.
Received 300 ft of pipe valves and accessories for engine room.

C a. Holmberg
CGM, USN-FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

C E Smith
CQM, USNRF-2

8:00 p.m. to midnight.
No remarks.

C E Smith
CQM, USNRF-2

Approved:

A. C. Wilcox
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2529

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 19 Feb 1918. 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									SW	5-6	29.39	60	48			ocqr	cun		10
5																			
6																			
7																			
8									SW	6-8	29.14	60	49			ocqr	cun		10
9																			
10																			
11																			
12									SW	4-6	29.16	50	50			ocr	cun		10
P. M.																			
1																			
2																			
3																			
4									SW	6-7	28.98	54	53			ocr	cun		10
5																			
6																			
7																			
8									SW	7	28.93	57	50			ocr	n		10
9																			
10																			
11																			
12									SW	7	28.89	41	47			ocr	n		10

Sea.

Noon. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic 19 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R. Boo.
CQM, USN, FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

R Boo.
CQM, USN, FNR(D)

8:00 a.m. to meridian.
No remarks.

C.a. Holmberg
CQM, USN-FNR(D)

Meridian to 4:00 p.m.
No remarks.

C.a. Holmberg
CQM, USN-FNR(D)

4:00 p.m. 8:00 p.m.
No remarks.

E E Smith
CQM, USNRF-2.

8:00 p.m. to Midnight.
No remarks.

E E Smith
CQM, USNRF-2

Approved:

A.C. Wilcox.
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM 20 Fenruary 1918 TO 20 Febhruary 1918

Lt(jg) Albert C. Wilvers, USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
A. M.																				
1																				
2																				
3									W	6-9	29.29	60	26			ocqr	cun		10	
4																				
5																				
6																				
7									NW	3-5	29.42	60	18			ocq	cun		10	
8																				
9																				
10																				
11																				
12									NW	4	29.70	55	10			bc	cun		7	
P. M.																				
1																				
2																				
3																				
4									NW	3	29?84	55	10			ocs	n		10	
5																				
6																				
7																				
8									NW	3	29.90	55	8			ocs	n		10	
9																				
10																				
11																				
12									NW	3	29.96	60	4			ocs	n		10	

s. a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

s. p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Yantic, 20 February 1918.

REMARKS.

Commences and until 4:00 a.m.
Lloyd, Flc, returned from leave.

R. Bos.
CQM, USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

R. Bos.
CQM, USN, FNR(D)

8:00 a.m. to Meridian.
No remarks.

C. A. Holmberg
CGM, USN, FNR(D)

Meridian to 4:00 p/m.
No remarks.

C. A. Holmberg
CGM, USN, FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

C. E. Smith
CQM, USNRF-2

8:00 p.m. to midnight.
S. Frnech, CBM returned from Great Lakes Naval Training Station.

C. E. Smith
CQM, USNRF-2

Approved:
A. C. Wilcox.
Lieutenant(jg- USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic,

AT OR EN ROUTE FROM Erie, Pa., TO 21. February 1918. 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Ar.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									NW	2	30.01	60	-2			bc	cu		8
5																			
6																			
7																			
8									NW	2	30/11	60	-4			bc	cu		4
9																			
10																			
11																			
12									NW	3	30.12	37	5			bc	cu		8
P. M.																			
1																			
2																			
3																			
4									NW	2	30.13	37	7			bc	cun		8
5																			
6																			
7																			
8									NW	2	30.09	60	5			bc	cun		8
9																			
10																			
11																			
12									NW	1	30.05	55	3			bc	cun		9

S. A. M. { Latitude / Longitude

Noon. { Latitude / Longitude

P. M. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Yantic. 21 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

RBoo.
CQM,USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

R. Boo.
CQM,USN-FNR(D)

8:00 a.m. to meriddan.
No remarks.

C a Holmberg
CGM,USN-FNR(D)

Meridian to 4:00 p.m.
Published findings and sentences of SCMS as follows.
Geo. K. Cleveland,MAlc,USNRF-4 Drunkness and destroying Govt property 60 days restriction.
L.R. Johnson, MAlc,USNRF-2 Disobedience of orders and drunkness. to l.p. amt to $123.00 and 30 days restriction.

C a Holmberg
CGM,USN-FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

C E Smith
CQM,USNRF-2

8:00 p.m. to Midnight.
No remarks.

C E Smith
CQM, USNRF-2

Approved:
A. C. Wilcox.
Lieutenant(jg) USNRF-2
Commanding officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO ....., 23 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direc.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									S	3	29.80	60	10			ocs	cun		10	
5																				
6																				
7																				
8									S	4	29.64	60	12			ocs	n		10	
9																				
10																				
11																				
12									SW	3	29.50	50	25			ocs	n		10	
P. M.																				
1																				
2																				
3																				
4									SW	2	29.43	45	22			ocs	n		10	
5																				
6																				
7																				
8									SW	2	29.41	45	23			ocs	n		10	
9																				
10																				
11																				
12									SW	2	29.40	45	20			ocs	N		10	

S.a.m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

S.p.m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic. 22 February 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

CQM, USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

CQM, USN, FNR(D)

8:00 a.m. to meridian.
Commanding Officer held mast and awarded the following punishments.
Fenwick, J.G. Cox Drunk and neglect of duty SCM
White, M. Bmkr Lying and neglect of duty SCM

CGM, USN, FNR(D)

Meridian to 4:00 p.m.
No remarks.

CGM, USN-FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

CQM USNRF-2

8:00 p.m. to midnight.
No remarks.

CQM, USNRF-2

Approved:
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2596

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO , 23 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour.	Revs.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1																			
2																			
3																			
4									SW	2	29.40	60	26			bc	scu		7
5																			
6																			
7																			
8									SW	3	29.32	60	29			bc	acu		6
9																			
10																			
11																			
12									SW	2	29.32	55	40			bc	cicu		2

s. a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

s. p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																			
1																			
2																			
3																			
4									SW	1	29.12	55	47			bc	cun		2
5																			
6																			
7																			
8									SW	2	29.10	55	45			bc	cun		2
9																			
10																			
11																			
12									SW	1	29.08	60	42			bc	cun		8

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic 23 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

CQM,USN,FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

CQM,USN-FNR(D)

8:00 a.m. to meridian.
Received 30o ft of lumber.

C.A. Holmberg
CGM,USN,FNR(D)

Meridian to 4:00 p.m.
No remarks. Jess R. Simpson,Oil,NNV was transferred to Cambridge Mass for aviation duty.

C.A. Holmberg
CGM,USN.FNR(D)

4:00 p.m. to 8:00 p.m.
No remarks.

E E Smith
CQM?USNRF-2

8:00 p.m. to midnight.
No remarks.

E E Smith
CQM,USNRF-2

Approved: C. L. Milvers.
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO _____, 24 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									NW	2	29.00	55	42			oc	scu		10	
5																				
6																				
7																				
8									NW	2	29.00	55	42			oc	scu		10	
9																				
10																				
11																				
12									NW	2	28.97	51	51			oc	cicu		10	

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1																				
2																				
3																				
4									NW	2	28.93	50	51			bc	cicu		6	
5																				
6																				
7																				
8									S	1	29.00	45	40			bc	cicu		4	
9																				
10																				
11																				
12									S	1	29.18	50	34			bc	cicu		4	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Yantic 24 February 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

R. Bos.
CQM, USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

R. Bos
CQM, USN-FNR(D)

8:00 a.m. to Meridian.
No remarks.

E E Smith
CQM, USNRF-2

Meridian to 4:00 p.m.
No remarks.

E E Smith
CQM, USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R. Bos.
CQM, USN-FNR(D)

8:00 p.m. to Midnight.
No remarks.

R. Bos
CQM, USN, FNR(D)

Approved:

A. C. Wilcox
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa. TO _____, 25 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2:, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Clouds. Sea.
A. M.																				
1																				
2																				
3																				
4									S	0-1	29.11	55	33			bc	cicu		3	
5																				
6																				
7									S	0-1	29.07	45	34			bc	cicu		3	
8																				
9																				
10																				
11									S	1-2	28.86	65	56			bc	cicu		7	
12																				
P. M.																				
1																				
2																				
3																				
4									S	3	28.73	65	55			oc	cun		6	
5																				
6																				
7																				
8									S	3	28.72	65	55			oc	cun		10	
9																				
10																				
11																				
12									S	8	28.71	65	38			oc	cun		10	

8 a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

8 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ..... Yantic ..... 25 Feb 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C a. Holmberg
CGM, USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

C a. Holmberg
CGM-USN-FNR(D)

8:00 a.m. to meridian
No remarks.

E E Smith
CQM, USNRF-2

Meridian to 4:00 p.m.
Received 300 lbs potatoes 50 lbs turnips.

E E Smith
CQM, USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R B Bo.
CQM, USN, FNR(D)

8:00 p.m. to midnight.
No remarks.

R B Bo
CQM, USN, FNR(D)

Approved:
A. C. Wilcox
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page 1

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO , 26 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Clouds: Sea
A. M.																				
1																				
2																				
3																				
4									W	6	28.71	65	28			ocs	n		10	
5																				
6																				
7																				
8									W	5	29.02	64	20			ocs	n		10	
9																				
10																				
11																				
12									W	5	29.20	23	23			ocs	n		10	

Noon: Latitude / Longitude

P. M.: Latitude / Longitude

Current: Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass

S. H

Error

Variation

Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	5	29.21	64				ocs	n		10	
5																				
6																				
7																				
8									W	5	29.23	64				ocs	n		10	
9																				
10																				
11																				
12									W	5	29.26	70				oc	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic. 26 February 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C.A. Holmberg
CGM,USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

C.A. Holmberg
CGM,USN-FNR(D)

8:00 a.m. to Meridian.
Put out additional lines and chain fresh winds from west.
received coil lead pipe; 6 shovels.

E E Smith
CQM,USNRF-2

Meridian to 4:00 p.m.
No remarks.

E E Smith
CQM,USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R Bos.
CQM,USN-FNR(D)

8:00 p.m. to Midnight.
No remarks.

R. Bos.
CQM,USN-FNR(D)

Approved:

A.L. Wilbers
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO ....., 27 Feb 1918, 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	2	29.27	60	28			oc	cun		10	
5																				
6																				
7																				
8									W	2	29.32	55	34			oc	cun		10	
9																				
10																				
11																				
12									SW	1	29.36	71	44			bc	ci		3	

Lat. a. m. Latitude .....
Long. a. m. Longitude .....
Noon. Latitude .....
Noon. Longitude .....
Lat. p. m. Latitude .....
Long. p. m. Longitude .....
Current Set .....
Current Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. Received .....
Coal. Expended .....
Coal. On hand .....

Fuel oil. Received .....
Fuel oil. Expended .....
Fuel oil. On hand .....

Water. Distilled .....
Water. Received .....
Water. Expended .....
Water. On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									SW	1	29.38	80	51			bc	acu		6	
5																				
6																				
7																				
8									SW	2	29.44	60	46			oc	scu		10	
9																				
10																				
11																				
12									SW	2	29.51	60	40			oc	scu		10	

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic ..... 27 Feb 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. A. Holmberg
CGM, USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

C. A. Holmberg
CGM-USN-FNR(D)

8:00 a.m. to meridian
No remarks.

E. E. Smith
CQM, USNRF-2

Meridian to 4:00 p.m.
Chains and mooring lines in. Repair work done on steam pipe.

E. E. Smith
CQM, USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R. Bo...
CQM, USN, FNR(D)

8:00 p.m. to midnight.
No remarks.

R. Bo...
CQM, USN, FNR(D)

Approved:
R. C. Wilcox
Lieutenant(jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Yantic.

AT OR EN ROUTE FROM Erie, Pa., TO 28 Feb 1918 191

Lt(jg) Albert C. Wilvers USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Det Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	0-1	29.46	65	34			oc	cun		10	
5																				
6																				
7																				
8									East	1	29.58	65	34			ocr	n		10	
9																				
10																				
11																				
12									East	1	29.58	70	36			ochr	n		10	
P. M.																				
1																				
2																				
3																				
4									E	1	29.42	52	36			ocr	n		10	
5																				
6																				
7																				
8									East	2	29.52	60	34			ocr	N		10	
9																				
10																				
11																				
12									East	2	29.52	60	33			ocr	N		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Yantic.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. A. Holmberg
CGM, USN-FNR(D)

4:00 a.m. to 8:00 a.m.
No remarks.

C. A. Holmberg
CGM, USN-FNR(D)

8:00 a.m. to meridian.
No remarks.

E E Smith
CQM, USNRF-2

Meridian to 4:00 p.m.
No remarks.

E E Smith
CQM-USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

R. Boos.
CQM, USNRFNR(D)

8:00 p.m. to midnight.
No remarks.

R Boos.
CQM, USN-FNR(D)

Approved:

A. C. Wilvers
Lieutenant (jg) USNRF-2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., ..., 191

....., ..., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

(This page to be sent to Bureau of Navigation monthly.)

6 September 1918

To : Bureau of Navigation,
Navy Department,
Washington, D. C.

Subject: Non-receipt of log books.

Reference: Bunav's letter N/22/T dated 29 August 1918.

1. During the time in question, February 1918, this vessel was in winter quarters at Erie, Pennsylvania, together with the USS YANTIC. Lieut. (j.g.) A. C. Wilvers, then in command of the YANTIC was in addition in command of this vessel, and as a consequence the log book for this month was made up on that vessel.

2. The carbon copies of this log are not on board this vessel, consequently rendering it impossible that certified copies of this log be made up on this ship.

1918 SEP 23 D

- -

First Endorsement

N/22/T
Sep. 20th 1918.

From: Bureau of Navigation.

To: Commanding Officer USS Essex.

Subject: Log book - request for certified copy.

1. It is requested that a certified copy of the smooth loose leaf log book of the USS Essex covering the month of March, 1918 be made and forwarded as soon as practicable.

By direction.

Approved:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

From : [illegible] Officer, USS [illegible]
To : Bureau of Navigation,
Navy Department,
Washington, D. C.

Subject : Log book--request for certified copy.

Reference : Bunav's 1st endorsement N/22/T
dated 2[illegible] Sept. 1918

Enclosures: (a) Log book for March 1918.

1. The above log book is herewith enclosed as per instruction in the above reference.

2. In the first part of March 1918, Lieutenant (jg) Wilvers was in command of this vessel, and in the latter part Lieutenant Commander Rutter was in command, both of which are now detached from this vessel, causing the absense of signatures of commanding officers to this log.

3. The enclosed log is the one on file on board this vessel.

G. L. Halsing

Approved:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2209

(This page to be sent to Bureau of Navigation monthly.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

Commences and until 4:00 a.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

4:00 a.m. to 8:00 a.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

8:00 a.m. to Meridian
Received 5900#, 6100#, 9500# coal; 200 lbs. bread 79 lbs. chicken

Chief Quartermaster, USNRF 2

Meridian to 4:00 p.m.
Received the following aamounts of coal: 4900#, 8600#.

Chief Quartermaster, USNRF 2

4:00p.m. to 8:00 p.m.
No remarks.

Chief Quartermaster, USN

8:00 p.m. to Midnight
No emarks.

Chief Quartermaster? USN

Approved:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa/ TO 2 March 1918, 191

....., ..., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									Sw	1	29.69	63	28			bc	cu		2	
5																				
6																				
7																				
8									SW	1	29.66	65	32			bc	ci		2	
9																				
10																				
11																				
12									SW	1/2	29.50	72	41			bc	ci		3	

UNITED STATES SHIP ..... Essex ..... 2 March 1918

REMARKS.

Commences and until 4:00 a.m .
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

4:00 a.m. to 8:00 a.m.
No remarks.

C A Holmberg
Chief Gunners Mate, USN

8:00 a.m. to Meridian
Received 1 bbl. apples; 1 tub butter from Erie Co. Milk Assn.
3 cases eggs from Schaffner Bros.

Chief Quartermaster, USNRF 2

Meridian to 4:00 p.m.
Received 200 lbs. bread; 1 valve stem.

Chief Quartermaster, USNRF 2

4:00 p /M/ to 8:00 p.m.
No remarks.

Chief Quartermaster, USN

8:00p.m. to Midnight
No remarks.

Chief Quartermaster, USN

Approved:

Examined:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 3 March 1918, 191

Dt(jg) Albert C. Wilvers USNRF 2., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									N	1	29.68	63	31			bc	cu		5	
5																				
6																				
7																				
8									N	1	29.72	65	27			bc	cun		9	
9																				
10																				
11																				
12									N	1	29.77	60	30			bc	cu		7	

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current. Set	
Current. Drift	

Magazine Temperatures:

Maximum

Minimum

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									N	L	29.81	60	32			bc	cu		4	
5																				
6																				
7																				
8									N	1	29.82	67	18			bc	cu		2	
9																				
10																				
11																				
12									N	1	29.78	65	19			bc	cu		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 3 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

4:00 a.m. to 8:00 a.m.
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

8:00 a.m. nto Meridian
No remarks.

Chief Quartermaster, USN

Meridian to 4:00 p.m.
No remarks.

Chief Quartermaster, USN

4:00 p.m. to 8:00 p.m.
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

8:00 p.m. to Midnight
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

Approved:

Lieutenant(jg) USNRF Class 2
Commanding officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 4 march 1918, 191

Lt(jg) Albert C/ Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									S	1	29.68	60	27			oc	sc		6	
5																				
6																				
7																				
8									S	1	29.52	60	20			bc	sc		8	
9																				
10																				
11																				
12									S	1	29.38	60	47			bc	scu		9	

8 a. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

8 p. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									S	2	29.23	60	42			oc	cun		10	
5																				
6																				
7																				
8									S	1	29.20	59	42			ocr	cun		10	
9																				
10																				
11																				
12									S	1	29.16	60	42			ocr	cun			

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 4 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster, USNRF 2

4:00 a.m. to 8:00 a.m.
No remarks/

Chief Quartermaster, USNRF 2

8:00 a.m. to Meridian
Received from Schaffner Bros. 231 lbs. beef. Crew Engaged in general work.

Chief Quartermaster, USN

Meridian to 4:00 p.m.
Received from Swift 129 lbs. meat.

Chief Quartermaster, USN

4:00 p.m. to 8:00 p.m.
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

8:00 p.m. to Midnight
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

Approved:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 5 March 1918, 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	1	29.20	60	34			ocrf	n		10	
5																				
6																				
7																				
8									SW	1	29.20	65	36			ocf	S		10	
9																				
10																				
11																				
12									SW	1	29.15	60	52			bc	cu		8	

8 a. m. Latitude .....
Longitude .....

Noon. Latitude .....
Longitude .....

8 p. m. Latitude .....
Longitude .....

Current { Set .....
Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal { Received .....
Expended .....
On hand .....

Fuel oil. { Received .....
Expended .....
On hand .....

Water. { Distilled .....
Received .....
Expended .....
On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									SW	1	29.10	60	58			bc	cu		8	
5																				
6																				
7																				
8									S	1	29.05	55	55			bc	cu		9	
9																				
10																				
11																				
12									S	1	29.00	58	50			ocrs	n		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ..... Essex 5th March 1918

REMARKS.

Commences and until 4:00na.m.
No remarks.

Chief Quartermaster, USNRF 2

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster,USNRF 2

8:00 a.m. to Meridian
No remarks.

Chief Quartermaster,USN

Meridian to 4:00 p.m.
No remarks.

Chief Auartermaster, USN

4:00 p.m. to 8:00 p.m.
No remarks.

C.a. Holmberg
Chief Gunners Mate, USN

8:00np.m. to Midnight.
No remarks.

C.a. Holmberg
Chief Gunners Mate, USN

Approved:

Lieutenant(JG) USNRF Class 2
Commandigg Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 6 March 1918, 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									E	1	28.93	65	36			of	s		10	
5																				
6																				
7																				
8									E	1	29.04	70	38			of	s		10	
9																				
10																				
11																				
12									E	1	29.14	70	34			of	s		10	

m. Latitude
s. Longitude

Noon. Latitude
Longitude

p. m. Latitude
Longitude

Current: Set
Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received
Expended
On hand

Fuel oil: Received
Expended
On hand

Water: Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									E	1	29.14	70	32			of	S		10	
5																				
6																				
7																				
8									E	1	29.12	65	29			ocs	N		10	
9																				
10																				
11																				
12									E	1	29.10	67	26			ocs	N		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 6th March 1918

REMARKS.

Commences and until 4:00 a.m.

No remarks.

Chief Quartermaster USNRF-2 ees

4:00 a.m. to 8:00 a.m.

L. W. Arnold, CMM, left ship on leave of absence.

Chief Quartermaster USNRF-2 ees

8.00 a.m. to meridian.

Received 58 lbs pork loins from Swift & Co.,

Chief Quartermaster, USN FNR(d) rb

Meridian to 4.00 p.m.

Received 3900 lbs coal for U.S.S.SANDOVAL, Received 1500 lbs ice from Mutual Ice Co.,

Chief Quartermaster, USN FNR (d) rb

4.00 p.m. to 8.00 p.m.

Received: 1 bushel turnips; 1 bushel carrots from United Fruit Co., 84 lbs beef from Schaffner Bros.

C.A. Holmberg
Chief Gunners Mate, USN FNR (d) cah

8.00 p.m. to midnight.

No remarks.

C.A. Holmberg
Chief Gunners Mate, USN FNR (d) cah

Approved:

Lieut. Comdr. NNV

Examined:

Lieut. USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex.

AT OR EN ROUTE FROM Erie Pa. TO 7 March 1918, 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	5	29.20	60	18			ocs	n		10	
5																				
6																				
7																				
8									W	2	29.30	65	20			ocs	n		10	
9																				
10																				
11																				
12									W	3	29.20	60	21			bcs	cun		8	

Noon. Latitude / Longitude

P. M. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	3	29.34	60	22			bcs	cun		8	
5																				
6																				
7																				
8									W	2	29.32	61	26			bcs	n		10	
9																				
10																				
11																				
12									S	2	29.31	55	29			bc	cun		7	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 7 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster USNRF 2

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster,USNRF 2

8:00 a.m. to Meridian
Received 200 lbs. brea , 46 lbs. corn beef and 60 Lbs. fish.

Chief Quartermaster, USN

Meridian to 4:00 p.m.
No remarks.

Chief Quartermaster,USN

4:00 p.m. to 8:00 p.m.
Received 300 lbs. potatoes.

C.A. Holmberg
Chief Gunners Mate, USN

8:00 p.m. to Midnight
At 8:20 C.B. Mitcheltree WT, and A.J. Oliver SF2c returned from liberty as stragglers under nominal arrest from U.S. Naval Recruiting Station, Buffalo, N.Y., 37 Hours and 20 minutes A.O.L.

C.A. Holmberg
Chief Gunners Mate, USN

Approved:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa/ TO 8 March 1918 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. Af.	Temperatures: Air Dry Bulb	Temperatures: Air Wet Bulb	Temperatures: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Movind From	Clouds: Amount	Sea
A. M.																				
1																				
2																				
3																				
4									W	3	29.37	50	24			hc	scu		6	
5																				
6																				
7																				
8									W	1	29.42	50	31			hc	scu		6	
9																				
10																				
11																				
12									W	2	29.43	50	38			hc	scu		6	

Noon: Latitude	
Noon: Longitude	
8 P.M.: Latitude	
8 P.M.: Longitude	
Current: Set	
Current: Drift	

Magnetic Temperatures:
Maximum
Minimum

Compass	
S. H	
Error	
Variation	
Deviation	
Coal: Received	
Coal: Expended	
Coal: On hand	
Fuel oil: Received	
Fuel oil: Expended	
Fuel oil: On hand	
Water: Distilled	
Water: Received	
Water: Expended	
Water: On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									W	3	29.44	60	42			hc	scu		4	
5																				
6																				
7																				
8									W	2	29.52	61	39			hc	cum		5	
9																				
10																				
11																				
12									W	1	29.60	62	35			hc	cfcu		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 8 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster, USNRF 2

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster? USNRF 2

8:00 a.m. to Meridian
No remarks.

Chief Quartermaster USN

Meridian to 4:00 p.m.
No remarks.

Chief Quartermaster USN

4:00 to 8:00 p.m.
No remarks/

C. A. Holmberg
Chief Gunners Mate USN

8:00 p.m. to Midnight
C. Mitcheltree, WT, USN and A. J/ Oliver, SF2c, USNRF Class 4 were transferred to the USNTS Great Lakes, Illinois recommended for G.C.M. in custody of Paul A. Gelbach, CY, USN of the U.S.S. Yantic.

C. A. Holmberg
Chief Gunners Mate, USN

Approved:

Examined:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP Essex.

AT OR EN ROUTE FROM Erie, Pa. TO 9 March 1918, 191

Lt(jG) Albert C. Wilvers USNRF 2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									E	1	29.62	60	34			bc	cicu		4	
5																				
6																				
7																				
8									E	1	29.58	58	32			bc	cis		3	
9																				
10																				
11																				
12									E	3	29.49	60	30			os	n		10	
P. M.																				
1																				
2																				
3																				
4									E	3	29.14	60	31			ost	n		10	
5																				
6																				
7																				
8									E	1	28.98	65	33			ocr	n		10	
9																				
10																				
11																				
12									E	1	28.76	67	35			ocr	n		10	

a. m. Latitude	
a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
p. m. Latitude	
p. m. Longitude	
Current Set	
Current Drift	

MAGAZINE TEMPERATURES:

Maximum

Minimum

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 9 March 1918.

REMARKS.

Commences and until 4 :00 a.m.
No emarks.

Chief Quartermaster, USNRF 2

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster, USNRF 2

8:00 a.m. to Meridian
Received stores as follows:
3 cases eggs.
4 hams.
200 lbs. bread.
80 lbs. chicken.
300 lbs. potatoes.

Chief Quartermaster, USNRF 2

Meridian to 4:00 p.m.
No remarks.

Chief Quartermaster, USN

4:00 p.m. to 8:00 p.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

8:00 p.m. to Midnight
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

Approved:

Lieutenant(jg) USNRF class 2
Commanding Officer

Examined:

U. S. N., Navigator.

4—9590

(This page to be sent to Bureau of Navigation monthly.)

Page 5

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 10 March 1918, 191

Lt(jg) Albert C. Wilvers,USNRF 2, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1																				
2																				
3																				
4									W	5	28.93	70	33			ocsr	n		10	
5																				
6																				
7																				
8									N	3/4	29.34	70	20			ocs	n		10	
9																				
10																				
11																				
12									NW	3/4	29.55	65	21			ocs	n		10	
P. M.																				
1																				
2																				
3																				
4									NW	3	29.81	70	33			obc	cuni		4	
5																				
6																				
7									W	3	29.89	65	20			bc	cuci		6	
8									W	3	29.89	65	20			bc	cicu		6	
9																				
10																				
11																				
12									W	3	29.98	70	19			bc	cicu		7	

Lat. a. m. Latitude / Longitude

Noon. Latitude / Longitude

Lat. p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass

S. H

Error

Variation

Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 10 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster, USNRF 2

4:00 a.m. to 8:00 a.m.
Inspected lines all o.k.

Chief Quartermaster, USNRF 2

8:00 a.m. to Meridian
AT 9:00 a.m. inspection of crew by S.O.P.
C. A. Holmberg
Chief Gunners Mate, USN

Meridian to 4:00 p.m.
Received 35 boiler tubes from American Boiler Works.

C. A. Holmberg
Chief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
No remarks/

Chief Quartermaster, USNRF 2

8:00 p.m. to Midnight
No remarks.

Chief Quartermaster, USNRF 2

Approved:

Examined:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 11 March, 1918, 191

Lt(jg) Albert C. Wilvers USNRF 2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	2	29.33	60	10			bc	cu		2	
5																				
6																				
7																				
8									SW	2	29.87	60	8			bc	cu		2	
9																				
10																				
11																				
12									SW	1	29.78	61	37			bc	cu		8	
P. M.																				
1																				
2																				
3																				
4									SW	1	29.66	61	42			oc	n		9	
5																				
6																				
7																				
8									S	1/2	29.53	65	41			oc	n		9	
9																				
10																				
11																				
12									S	2/3	29.43	65	40			bc	cicu		7	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2999

UNITED STATES SHIP Essex 11 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster USN

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster, USN

8:00 a.m. to Meridian
No remarks.

C. A. Holmberg
Chief Gunners Mate? USN

Meridian to 4:00 p.m.
Received
196 lbs. beef. Schaffner Bros.
86 lbs. beef. Swift & Co.

C. A. Holmberg
Chief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
Received
300 lbs. spuds; also consignment of carpenters tools, mallets etc.

Chief Quartermaster, USNRF 2

8:00 p.m. to Midnight
Noremarks.

Chief Quartermaster, USNR F 2

Approved:

Lieutenant (jg) USNRF 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 12 March 1918, 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	2	29.20	60	48			oc	cun		10	
5																				
6																				
7									SW	2	29.20	60	48			oc	cun		10	
8																				
9																				
10																				
11																				
12									SW	2	29.18	61	54			oc	cun		10	

Noon. Latitude		
Noon. Longitude		
8 p. m. Latitude		
8 p. m. Longitude		
Current Set		
Current Drift		

Magazine Temperatures:
Maximum
Minimum

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									SW	1	29.19	60	56			oc	cun		10	
5																				
6																				
7																				
8									SW	1	29.25	65	53			oc	cun		9	
9																				
10																				
11																				
12									SW	1	29.35	70	50			oc	cun		9	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Esses 12 March 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster, USN

8:00 to Meridian
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

Meridian to 4:00 p.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
Received 100 Lbs. cabbage

Chief Quartermaster, USNRF

8:00 to Midnight.
No remarks.

Chief Quartermaster, USNRF

Approved:

Lieutenant(jg) USNRF Class 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—3599

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 13 mareh 1918, 191

Lt(jg) Albert C/ Wilvers USNRF2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									E	1										
2																				
3																				
4									E	1	29.39	60	32			be	scu		5	
5																				
6																				
7																				
8									E	1	29.42	60	32			be	scu		5	
9																				
10																				
11																				
12									E	1	29.38	60	38			be	scu		8	

m. Latitude
s. Longitude

Noon. Latitude
Longitude

p. m. Latitude
s. Longitude

Current: Set
Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1																				
2																				
3																				
4									E	1	29.24	61	37			oc	n		10	
5																				
6																				
7																				
8									E	1	29.1[illegible]	65	35			oer	n		10	
9																				
10																				
11																				
12									E	1	29.00	70	34			oer	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 13 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster USN

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster, USN

8:00 a.m. to Meridian
Received 1 tub lard; 53 lbs veal; and 50 lbs cornbeef; 1/4 beef 172 lbs.

C. a. Holmberg
Chief Gunners Mate USN

Meridian to 4:00 p.m.
No remarks.

C. a. Holmberg
Chief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
No remarks.

Chief Quartermaster, USNRF

8:00 p.m. to Midnight
No remarks.

Chief Quartermaster, USNRF

Approved:

Lieutenant(jg) USNRF 2
Commanding Officer.

Examined:

U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie, Pa/ TO _____, 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									NE	2	28.92	50	34			ocr	n		10	
5																				
6																				
7																				
8									NE	2	28.92	50	34			oc	n		10	
9																				
10																				
11																				
12									NE	1	28.79	61	35			ocr	n		10	
P. M.																				
1																				
2																				
3																				
4									W	3	28.82	61	47			oc	n		10	
5																				
6																				
7																				
8									N	1	28.95	60	38			ocr	n		10	
9																				
10																				
11																				
12									N	1	29.16	60	38			ocr	n		10	

m. { Latitude
sa. { Longitude

Noon. { Latitude
Longitude

p. m. { Latitude
Longitude

Current { Set
Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received
Expended
On hand

Fuel oil. { Received
Expended
On hand

Water. { Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex 14 march 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster, USN

8:00 a.m. to Meridian
Received 100 lbs Of bread.

C. a. Holmberg
Chief Gunners Mate USN

Meridian to 4:00 p.m.
NO remarks.
Received 2 crates of eggs.

C. a. Holmberg
Chief Gunn rs Mate, USN

4:00 p.m. to 8:00p.m.
Ensign E.G.Lewis USNRF CLASS 4 GS reported aboard U S S Essex this date at 3:30 p.m. for duty as watch and division Officer.

Chief Quartermaster USNRF

8:00 p.M. to Midnight
No remarks.

Chief Quartermaster, USNRF

Approved:

Lieutenant(jg) USNRF 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa/ TO 15 March 1918, 191

Lt(jg) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									E	2	29.41	60	28			ccs	cun		10	
5																				
6																				
7																				
8									N	2	29.60	60	22			bc	cicu		6	
9																				
10																				
11																				
12									N	1	29.75	61	23			bc	cicu		4	
P. M.																				
1																				
2																				
3																				
4									N	1	29.86	61	27			bc	cicu		4	
5																				
6																				
7																				
8									NW	1	29.90	65	25			bc	cicu		5	
9																				
10																				
11																				
12									NW	1	29.92	65	23			bc	cicu		5	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex March 15 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks .

Chief Quartermaster USN

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster USN

8:00 a.m. to Meridian
No remarks. Received 132 lbs. of beef.

C.A. Holmberg.
Chief Gunners Mate. USN

Meridian to 4:00p.m.
No remarks.

C.A. Holmberg
Chief Gunners Mate, USN

4:00 p.m. to 8:00 p.m.
No remarks.

Chief Quartermaster USNRF

8:00 p.m. to Midnight
No remarks.

Chief Quartermaster USNRF

Approved:

Lieutenant (jg) USNRF 2
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO 16 March 1918, 191

Lt(JG) Albert C. Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	2	29.84	60	18			bc	cicu		4	
5																				
6																				
7																				
8									SW	2	29.78	60	20			bc	cicu		4	
9																				
10																				
11																				
12									SW	2	29.72	61	35			bc	cicu		2	

8 a. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

8 p. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1																				
2																				
3																				
4									SW	3	29.66	61	39			bc	cun		3	
5																				
6																				
7																				
8									W	1	29.60	60	39			bc	cun		3	
9																				
10																				
11																				
12									W	1-2	29.56	60	37			bc	cun		4	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 16 March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Chief Quartermaster USN FNR(D)

4:00 a.m. to 8:00a.m.
No remarks.

Chief Quartermaster USN FNR(D)

8:00 a.m. to Meridian
Received 86 lbs. of chicken
111 lbs. of pork loin
At 8:00 a.m. sent funeral party ashore.

C. A. Holmberg
Chief Gunners Mate, USN FNR(D)

Meridian to 4:00 p.m.
Paid crew semi monthly money.

C. A. Holmberg
Chief Gunners Mate, USN FNR(D)

4:00 p.m. to 8:00 p.m
Bar falling slowly. West winds tight. Received 300 lbs spuds

Chief Quartermaster, USNRF 2

8:00 p.m. to Midnight.
No remarks.

Chief Quartermaster, USNRF 2

Approved:

Lieutenant (jg) USNRF 2
Commanding Officer

Examined:

U. S. N., Navigator.

4—2589

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 17 March 1918, 191

1t (jg) Albert C/ Wilvers USNRF 2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									W	2	29.49	60	37			BC	c1		2	
5																				
6																				
7																				
8									W	2	29.41	60	38			bc	c1		1	
9																				
10																				
11																				
12									W	2	29.32	60	40			bc	c1		3	
P. M.																				
1																				
2																				
3																				
4									W	3	29.28	60	42			BC	c1		3	
5																				
6																				
7																				
8									SW	2	29.36	60	30			bc	c1		2	
9																				
10																				
11																				
12									SW	2	29.44	60	30			bc	c1		2	

Lat. and Long. at 8 a. m.: Latitude ____ Longitude ____

Lat. and Long. at Noon: Latitude ____ Longitude ____

Lat. and Long. at 8 p. m.: Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures: Maximum ____ Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

4—2609

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 17 March 1918

REMARKS.

Commences and until 4:00 a.m. Lieut. James M. Bowers, USNRF reported on board for duty as Executive Officer.	Chief Quartermaster USN FNR(D)
4:oo a.m. to 8:00 a.m. No remarks.	Chief Quartermaster USN FNR(D)
8:00 a.m. to Meridian No remarks.	Chief Quartermaster USNRF 2
Meridian to 4:00 p.m. No remarks.	Chief QuartermasterUSNRF 2
4:00 p.m. to 8:00 p.m. No remarks.	Chief Quartermaster USN FNR(D)
8:00 p.m. to Midnight No remarks	Chief Quartermaster USN FNR(D)

Approved:

Lieutenant (JG) USNRF 2
Commanding Officer

Examined:

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex.

AT OR EN ROUTE FROM Erie, Pa., TO ____. 18 March 1918 191

Lt(jg) Albert C. Wilvers USNRF 2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4									SW	0-1	29.46	65	29			bc	ci		2	
5																				
6																				
7																				
8									SW	0-1	29.51	64	34			bc	cicu		4	
9																				
10																				
11																				
12									S	1	29.50	60	50			bc	ci		8	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4									E	2	29.40	70	49			bc	cis		4	
5																				
6																				
7																				
8									E	1	29.36	60	51			bc	cis		3	
9																				
10																				
11																				
12									E	1	29.33	60	58			bc	cis		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 march 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USN, FNR(D)

4:00 a/m. to 8:00 a.m.
Received 1 hind quar ter of beef.

C. A. Holmberg
Chief Gunners Mate? USN, FNR(D)

8:00 A.M. to Meridian
Received the following supplies:
100# bread
1 Bundle steel
50 Gal. gas.
62 # butter
1 case eggs
1 tub lard
300 # potatoes

Chief Quartermaster, USNRF-2

Meridian to 4:00p.m.
No remarks.

Chief Quartermaster, USNRF-2

4:00 p.m. to 8:00 p.m.
No remarks.

Chief Quartermaster, USN, FNR(D)

8:00 p.m. to Midnight.
No remarks.

Chief Quartermaster, USN, FNR(D)

Approved:

Lieutenant (jg)USNRF 2.NV.
Commanding Officer.

Examined:

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page ....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa., TO , 19 March , 1918

Lieut.(j.g.) A. C. Wilvers USNRF-S, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier, Erie, Pa.																			
2																				
3																				
4			"		"		"		SW	1	29.28	61	37			BC	AS		8	
5																				
6																				
7																				
8			"		"		"		SW	1	29.33	60	38			BC	CiS		8	
9																				
10																				
11																				
12			"		"		"		NW	1	29.39	40	40			BC	CiS		8	

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:

Maximum

Minimum

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4	At Municipal Pier, Erie, Pa.								W	1	29.42	60	44			BC	A		3	
5																				
6																				
7																				
8		"		"		"			N	1	29.50	60	37			BC	A		3	
9																				
10																				
11																				
12		"		"		"			E	1	29.58	60	30			BC	A		1	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP Essex 19 March, 1918

REMARKS.

Commences and until 4 A.M.
No remarks.

C. A. Holmberg
Chief Gunners Mate, USNavy. cal

4:00 a.m. to 8:00 a.m.
Received 172 lbs. of veal and hamburger.

C. A. Holmberg
Chief Gunners Mate, USNavy. cal

8:00 a.m. to Meridian.
No remarks. Chief Quartermaster USNRF-2 ees

Meridian to 4:00 p.m.
Joseph James Kocarnik, Elec. 3c (R) USNRF reported aboard for duty this date. Received 100# cabbage and 50# rutebaggos, 1 hind quarter beef, 2 cases eggs.

Chief Quartermaster USNRF-2 ees

4:00 p.m. to 8:00 p.m.
Received 160# beef. At 4:00p.m. Lieut. Comdr. L/ R. Rutter NNV took command.

Chief Quartermaster USNavy rb

8:00 p.m. to Midnight
No remarks.

Chief Quartermaster USNavy rb

Approved:

Lieutenant Commander, NNV.
Commanding Officer.

Examined:

U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 20 March , 1918

Lieut. Comdr. L.R.Rutter NNV., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M. 1	At Municipal Pier, Erie, Pa.																			
2																				
3																				
4	"		"			"	"		S	1	29.40	58	52			BC	Ci		2	
5																				
6																				
7																				
8	"		"			"	"		S	1	29.43	59	40			BC	CiS		3	
9																				
10																				
11																				
12	"		"			"	"		NE	0-1	29.37	67	60			BC	CiS		4	

m. Latitude .....
8 a. Longitude .....

Noon. Latitude .....
Longitude .....

8 p. m. Latitude .....
Longitude .....

Current { Set .....
Drift .....

MAGAZINE TEMPERATURES:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received .....
Expended .....
On hand .....

Fuel oil. { Received .....
Expended .....
On hand .....

Water. { Distilled .....
Received .....
Expended .....
On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4	At Municipal Pier, Erie, Pa.								NE	1	29.35	67	64			BC	CiS		4	
5																				
6																				
7																				
8	"		"			"	"		NE	1	29.35	60	50			BC	CiS		4	
9																				
10																				
11																				
12	"		"			"	"		SW	1	29.34	60	40			BC	CiS		4	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 20th, March 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate. cal

4:00 a.m. to 8:00 a.m.
No remarks.

C. A. Holmberg
Chief Gunners Mate. USN

8:00 a.m. to Meridian
Ensign E. R. Saunders USNRF 4 reported aboard this date for duty, as Engineer Officer. Received the following supplies:

600# Potatoes
200# Onions
254# Bread
127# Pork Loins
248# Beef.

Chief Quartermaster USNRF-2 ees

Meridian to 4:00 p.m.
Received the following:
1 bundle swabs
160 loaves bread.

Chief Quartermaster USNRF-2 ees

4:00 p.m. to 8:00 p.M.
L. W. Arnold CMM returned from leave.

Chief Quartermaster USN rb

8:00 p.m. to Midnight.
F.J.Pestka, QM 2c USN reported from Great Lakes for Duty.

Chief Quartermaster USN rb

Approved:

Lieut. Comdr. NNV.
Commanding Officer.

Examined:

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 21st., 1918

Lieut. Comdr. L.R. Rutter USNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier Erie, Pa.																			
2																				
3																				
4	"		"			"	"	"	E	1	29.34	60	40			BC	CiCu		6	
5																				
6																				
7																				
8	" " "		"			"	"	"	E	1	29.33	61	39			BC	CiS		8	
9																				
10																				
11																				
12	"		"			"	"	"	E	1	29.27	67	48			BC	CiS		7	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"		"		"	"	"		NE	1	29.22	61	60			BC	CiS		7	
5																				
6																				
7																				
8	"		"		"	"	"		NE	1	29.22	60	43			BC	CiS		4	
9																				
10																				
11																				
12	"		"		"	"	"		NE	1	29.22	60	38			BC	CiS		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 21 March 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C.A. Holmberg
Chief Gunners Mate cah

4:00 a.M. to 8:00 a.m.
No remarks.

C.A. Holmberg
Chief Gunners Mate cah

8:00 to Meridian
At 10;00 a.m. George Wood Surgeon USNRF reported aboard for duty after reporting to C.O. Yantin as per instructions.
Received 2 tubs butter 128#.

Chief Quartermaster USNRF-2 ees

Meridian to 4:00 p.m.
Received the following 2 cases eggs, 244 Oak pieces 2"x3 1/2"
160 loaves bread.

Chief Quartermaster USNRF-2 ees

4:00 p.m. to 8:00 p.m.
No remarks.

Chief Quartermaster USN rb

8:00 p.m. to Midnight
No remarks.

Chief Quartermaster USN rb

Approved:

Lieutenant Commander NNV
Commanding Officer.

Examined:

U. S. N. Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa TO March 22nd, 1918

Lieut. Comdr. L. R. Rutter NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Hevs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M. 1	At Municipal Pier Erie Pa/																			
2																				
3																				
4	"	"				"	"	"	SW	1	29.28	61	37			BC	CiS		8	
5																				
6																				
7																				
8	"	"				"		"	SW	1	29.33	60	38			BC	CiS		8	
9																				
10																				
11																				
12	2	"				"		"	NW	1	29.39	60	40			BC	CiS		8	

8 a. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
8 p. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperatures:
Maximum
Minimum

Compass		
S. H		
Error		
Variation		
Deviation		
Coal.	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M. 1																				
2																				
3																				
4	At	Municipal Pier Erie Pa.						W	1	29.42	60	44			BC	Ci		3	
5																				
6																				
7																				
8	"	"		"	"			N	1	29.50	60	37			BC	Ci		3	
9																				
10																				
11																				
12	"	"		"	"			E	1	29.58	60	30			BC	Ci		1	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 22nd. March 1918

REMARKS.

Commences and until 4:00 a.m.
No Remarks.

C.a. Holmberg
Chief Gunners Mate USN cah

4:00 a.m. to 8:00 a.m.
No remarks.

C.a. Holmberg
Chief Gunners Mate USN cah

8:00 a.m. to Meridian
No remarks.

Chief Quartermaster USNRF-2

Meridian to 4:00 p.m.
Received 2 boxes from Express Co. also 1 case bread
300# Potatoes, 127# pkg. sausage.

Chief Quartermaster USNRF-2 cs

4:00 to 8:00 p.m.
No remarks.

Chief Quartermaster USN rb

8:00 p.m. to Midnight.
No remarks.

Chief Quartermaster USN rb

Approved:

Lieutenant Commander NNV.
Commanding Officer.

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 23rd., 1918

Lieut. Commdr. L. R. Rutter NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"		"			"	"		E	0-L	29.64	65	26			BC	Cu		2	
5																				
6																				
7																				
8	"		"			"	"		E	1	29.70	64	28			BC	Cu		3	
9																				
10																				
11																				
12	"		"			"	"		NE	1	29.76	79	35			BC	Bi		3	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
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6		
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8		
9		

P. M.																				
1																				
2																				
3																				
4	At Municipal Pier Erie Pa.								NE	2	29.72	70	39			BC	CiS		3	
5																				
6																				
7																				
8	"		"		"	"			NE	1	29.66	60	31			BC	CiS		3	
9																				
10																				
11																				
12	"		"		"	"			NE	1	29.62	60	28			BC	CiS		3	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP Esser 23rd March 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C.a. Holmberg
Chief Gunners Mate, USN cah

4:00 a.m. to 8:00 a.m.
No remarks.

C.a. Holmberg
Chief Gunners Mate, USN cah

8:00 to Meridian
Received the following supplies;
16 rubber gaskets.
117# meat.
1 quarter beef, 262#
1 basket bread.

Chief Quartermaster USNRF-2 ee s

Meridian to 4:00 p.m.
Received 300 feet 3 1/2" x 6" pine lumber, and two tubs of butter.

Chief Quartermaster, USNRF-2 ees

4:00 p.m. to 8:00 p.m.
Received 300# potatoes.

Chief Quartermaster? USN rb

8:00 p.m. to Midnight.
No remarks.

Chief Quartermaster, USN rb

Approved:

Lieutenant Commander NNV
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie TO March 24, 1918

Lieut. Comdr. L. R. Rutter NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Erie PA Municipal Pier.																			
2																				
3																				
4	"	"				"	"		NE	1	29.60	65	29			BC	Cu		4	
5																				
6																				
7																				
8	"	"				"	"		NE	1	29.54	64	30			BC	Cu		8	
9																				
10																				
11																				
12	"	"				"	"		NE	1	29.45	62	35			BC	Cu		3	
P. M.																				
1																				
2																				
3																				
4	At Municipal Pier Erie Pa.								NE	1	29.40	62	40			BC	Ciou		10	
5																				
6																				
7																				
8	"	"				"	"		NE	1	2938	62	33			BC	Cu		8	
9																				
10																				
11																				
12	"	"				"	"		NE	1	29.36	64	27			BC	Ci		3	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum

Minimum

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
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7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex March 24 1918.

REMARKS.

Commences and until 4:00 a.m.
No remarks.

C. a. Holmberg
Chief Gunners Mate USN cah

4:00 a.m. to 8:00 a.m.
No remarks.

C. a. Holmberg
Chief Gunners Mate USN cah

8:00 a.m. to Meridian
No remarks.

Chief Yeoman U S Navy pag

Meridian to 4:00 p.m.
No remarks.

Chief Yeoman U S Navy pag

4:00 p.m. to 8:00 P/ M.
No remarks.

C. a. Holmberg
Chief Gunners Mate USN cah

8:00 P.M. to Midnight
No remarks.

C. a. Holmberg
Chief Gunners Mate USN cah

Approved:

Lieutenant Commander NNV
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 25th, 1918

Lieut. Comdr. L.R.Rutter NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M. 1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"		"		"		"		W	1	29.33	60	28			BC	CiS		3	
5																				
6																				
7																				
8	"		"		"		"		W	3	29.32	60	29			BC	CiS		4	
9																				
10																				
11																				
12	"		"		"		"		W	3	29.28	60	38			B	-		0	
P. M. 1																				
2																				
3																				
4	At Municipal Pier Erie Pa/								W	3	29.24	60	38			BC	CiCu		5	
5																				
6																				
7																				
8	"		"		"		"		W	1	29.23	61	34			BC	Cu		8	
9																				
10																				
11																				
12	"		"		"		"		W	2	29.22	64	30			BC	N		0	

m. Latitude
s. Longitude

Noon. Latitude
Longitude

p. m. Latitude
Longitude

Current: Set
Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. Received
Expended
On hand

Fuel oil. Received
Expended
On hand

Water. Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex March 25 1918

REMARKS.

Commences and until 4:00 a.m.
No Remarks.

Chief Quartermaster, USNRF-2 ees

4:00 a.m. to 8:00 a/m.
No remarks.

Chief Quartermaster, USNRF-2 ees

8:00 a.m. to Meridian
No remarks

Chief Quartermaster, USN

Meridian to 4:00 p.m.
Received 489# beef, 250# Vegetables.

Chief Quartermaster USN

4:00 p.m. to 8:00 p.m.
Received 600 lbs. of Potatoes.

C.A. Holmberg
Chief Gunners Mate USN cah

8:00 p.m. to Midnight
No remarks.

C.A. Holmberg.
Chief Gunners Mate USN

Approved:

Lieutenant Commander NNV
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page 3rd

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 26, 1918

Lieut.Comdr. L. R. Rutter NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"		"			"	"		W	3	29.29	60	24			OCS	N		10	
5																				
6																				
7																				
8	"		"			"	"		N	2-3	29.34	60	26			OCS	N		10	
9																				
10																				
11																				
12	"		"			"	"		W	2	29.38	60	28			BC	CuN		7	

Sun { Latitude / Longitude

Noon { Latitude / Longitude

Sun { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended / On hand

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4	At Municipal Pier Erie Pa.								N	2	29.38	60	28			BC	CuN		9	
5																				
6																				
7																				
8	"		"		"		"		N	3	29.39	57	28			BC Z	CiS		10	
9																				
10																				
11																				
12	"		"		"		"		N	3	29.43	59	28			BC	CiS		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex March 26 1918

REMARKS.

Commences and until 4:00 a.m.
No Remarks.

Chief Quartermaster USNRF-2 ees

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster USNRF-2

8:00 a.m. to Meridian
Received 200# Bread, 126# Butter, One BBl. Apples

Chief Quartermaster USN rb

Meridian to 4:00 p.m.
Burton leitch Davis?, LER,USNRF reported for duty from Great Lakes Ill. Received 90 doz. eggs and ham.
Hilgenberg, N.C. Elc-R Reported for duty.

Chief Quartermaster USN rb

4:00p.m. to 8:00 p.m.
C.A.Holmberg, CGM Left ship on leave expiring midnight Monday April 1st. 1918.

Quartermaster 2nd Class USN

8:00p.m. to Midnight
J.E. Cutting E3c R USNRF reported this date for duty on board this vessel from U.S.N. Training Station, Great Lakes Ill.
A draft of 79 men names as per inserted copy reported this date on board this vessel for suty from U.S.Naval Training Station Great Lakes, Ill/

Quartermaster 2nd Class USN fjp

Approved:

Lieutenant Commander NNV
Commanding Officer.

Examined:

U. S. N., Navigator.

4—3999

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 27th., 1918

Lieut. Comdr. L.R.Rutter NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M. 1	At Municipal Pier Erie Pa/																			
2																				
3																				
4	"		"		"		"		W	1	29.43	60	26			BC	Ci		3	
5																				
6																				
7																				
8	"		"		"		"		W	2	29.47	60	28			BC	CiCu		4	
9																				
10																				
11																				
12	"		"		"		"		Wv	2	29.52	60	34			BC	CiCu		7	
P. M. 1																				
2																				
3																				
4	AT Municipal Pier Erie Pa.								W	2	29.54	60	39			BC	CiCu		7	
5																				
6																				
7																				
8	"		"		"		"		NW	2	29.54	60	33			BC	CiCu		9	
9																				
10																				
11																				
12	"		"		"		"		NW	2	29.55	60	33			BC	CiCu		9	

Lat. a. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

Lat. p. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal. Received ____ Expended ____ On hand ____

Fuel oil. Received ____ Expended ____ On hand ____

Water. Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex March 27th 1918

REMARKS.

Commences and until 4:00 a.m.
At 1:25 Received word of arrest of H. D. Rodgers, Cabin Steward by local police. Sent guard to Police Station to ascertain facts. Charge gambling Brought prisoner to ship where he was placed under arrest and released as prisoner at large awaiting trial at 2:00 P.M. this date by Civil Authorities.

Chief Quartermaster, USNRF - 2 ees

4:00 a.m. to 8:00 a.m.
No remarks.

Chief Quartermaster, USNRF-2

8:00 a.m. to Meridian
Received on board 500# Bread 185# beef, and 100# lard.

Chief Quartermaster, USN rb

Meridian to 4:00 p.m.
No remarks.

Chief Quartermaster, USN

4:00 p.m. to 8:00 p.m.
Received on board 150 lbs. hamburger. Received on board 500 lbs. potatoes, 300 lbs. carrots ~~150 lbs. onions.~~

F. J. Leatha

Quartermaster 2nd Class USN fjp

8:00 p.m. to Midnight
The following man reported in from Great Lakes for duty on this ship, Jas. A. Wickersham, MMic USN. Also the following from Great Lakes as per list 11 men.

F. J. Leatha

Quartermaster 2nd Class USN

Approved:

Lieutenant Commander USNV
Commanding Officer.

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP USSX

AT OR EN ROUTE FROM Erie Pa. TO March 28th 1918

Lieut.Comdr. L.E.Sutter USN U. S. Navy, Commanding.

Hour	Sails	Sheets	Tacks and Sheets	Tackles	Braces	Yards	Engine Orders	Courses	Wind: Direction	Wind: Force	Barometer: Reading at Meridian	Barometer: Reading at Noon	Temperature: Dry Bulb	Temperature: Wet Bulb	Temperature: Water Ex.	Weather or Remarks	Clouds: Form	Clouds: Movement	Clouds: Amount	Sea
A.M. 1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"	"	"	"					E	2	29.55	58	30			0	SCu		9	
5																				
6																				
7																				
8	"	"	"	"					E	1	29.55	58	28			B	CiS		3	
9																				
10																				
11																				
12	"	"	"	"					E	1	29.59	59	41							

Noon: Latitude / Longitude

P.M. 1 2 3 4 5 6 7 8 9 10 11 12

At Municipal Pier Erie Pa.									E	1	29.60	60	49			BC	CiS		6	
"	"	"	"						NE	1	29.75	60	29							

Noon: Latitude / Longitude

4 P.M.: Latitude / Longitude

Current: Set / Drift

Remarks: Temperature: Maximum / Minimum

Compass / S. H / Error / Variation / Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex March 28th, 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks

Electrician, 1st Class Radio

4:00 a.m. to 8:00 a.m.
No remarks.

Electrician 1st Class Radio

8:00 a.m. to Meridian
No remarks

Chief Quartermaster USN

Meridian to 4:00p.m.
Received 560 Lbs. beef and 425 lbs. mixed meats.

Chief Quartermaster USN rb

4:00 p.m. to 8:00 p.m.
No remarks.

Quartermaster 2nd Class USN fjp

8:00 p.m. to Midnight
The following men reported aboard for duty fromU.S. Naval Training Station, Great Lakes Ills/ Measel, M.M. A.S. Matte, J.F., F3c/ Minnette, F3c. Pawlak J. A. S2c Russel, J. A.S. USN

Quartermaster 2nd Class USN fjp

Approved:

Lieutenatnt Commander NNV
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page 1

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 29th, 1918

Lieut. Comdr. L. R. Rutter NN, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"		"		"		"		NW	1	29.74	60	30			B			0	
5																				
6																				
7																				
8	"		"		"		"		NW	1	29.74	60	37			B			0	
9																				
10																				
11																				
12	"		"		"		"		NW	1	29.74	60	43			B			0	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4	At Municipal Pier Erie Pa/								NW	1	29.74	61	49			BC	CiS		7	
5																				
6																				
7																				
8	"		"		"		"		NW	1	29.74	60	35			BC	CiS		7	
9																				
10																				
11																				
12	"		"		"		"		NW	1	29.73	60	31			BC	CiS		5	

(This page to be sent to Bureau of Navigation monthly.)

4—2559

UNITED STATES SHIP Essex March 29th, 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Electrician 1st/ ClassUSN

4:00a.m. to 8:00 a.m.
No remarks.

Electrician 1st. Class USN

8:00 a.m. to Meridian
No remarks.

Chief Quartermaster USN rb

Meridian to 4:00 p.m.
Received 200 lbs. bread.

Chief Quartermaster USN

4:00 p.m. to 8:00 p.m.
Received 600 lbs. potatoes.

H. J. Testka
Quartermaster 2nd Class USN

8:00 p.m. to Midnight
The following men reported aboard for duty from U. S/ Naval Training Station, Great Lakes, Ill/, A. D. Carver Sea. US N
H. W. Herron Sea. USN J. R. Hudson S2c, USN H. J. Lamoreaux Sea. USN
C. B. Vassar GM3c USNRF.

H. J. Testka
Quartermaster 2nd Class USN

Approved:

Lieutenant Commander NNV
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

Page ....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 30th, 1918

Lieut.,Comdr. L. R. Rutter NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"		"			"	"		SW	1			34			0	CiS		8	
5																				
6																				
7																				
8	"		"			"	"		SW	2			36			BC	Ci		3	
9																				
10																				
11																				
12	"		"			"	"b		SW	1	29.43		46			Z	Ci			

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4	At Municipal Pier Erie Pa.								SW	2	29.36	52	49			BC	CiS		8	
5																				
6																				
7																				
8	"		"			"	"		SW	2	29.29	50	49			BC	CiS		8	
9																				
10																				
11																				
12	"		"			"	"		SW	2	29.29	50	44			BC	CiS		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex March 30th 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Electrician 1st. class USN

4:00 a.m. to 8:00 a.m.
No remarks.

Electrician 1st.class USN

8:00 a.m. to Meridian
No remarks/

Chief Quartermaster USN

Meridian to 4:00 p.m.
No remarks.

Chief Quartermaster USN

4:00 p.m. to 8:00 P.M.
No remarks.

Quartermaster 2nd class USN

8:00 p.m. to Midnight
The following men reported on board this vessel for duty/ W. O. Casper, SC2c,NNV; J. B. Forney, SC4c USNRF-4; R. L. Rutter; F. A. Walsh BMlc NNV; I. F. Brown, Sea. USN; B. A. Greip BMlc USN; B. Rademacher CElec. NNV; A. S. Walters, SC4c, USN R. C. Buckle F3c USN

Quartermaster 2nd class USN

Approved:

Lieutenant Commander NNV
Commanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO March 31st, 1918, 191

L. R. Rutter, Lieut. Comdr. USNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier Erie Pa.																			
2																				
3																				
4	"		"			"	"		SW	2			44			BC	CiS		3	
5																				
6																				
7																				
8	"		"			"	"		SW	2			46			BC	CiS		4	
9																				
10																				
11																				
12	"		"V			"	"		SW	1	29.40	60	50			BC	CiS		7	

Lat. a. m. Latitude .....
Long. a. m. Longitude .....

Noon. Latitude .....
Noon. Longitude .....

Lat. p. m. Latitude .....
Long. p. m. Longitude .....

Current Set .....
Current Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. Received .....
Coal. Expended .....
Coal. On hand .....

Fuel oil. Received .....
Fuel oil. Expended .....
Fuel oil. On hand .....

Water. Distilled .....
Water. Received .....
Water. Expended .....
Water. On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4	At Municipal Pier Erie Pa.								SW	2	29.49	60				BC	CiS		6	
5																				
6																				
7																				
8	"		"			"	"		SW	3		64				BC	As		6	
9																				
10																				
11																				
12	"		"			"	"		SW	2		62				BC	As		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex March 31st/, 1918

REMARKS.

Commences and until 4:00 a.m.
No remarks.

Electrician 1st class USN

4:00 a.m. to 8:00 a.m.
No remarks.

Electrician 1st class USN

8:00 a.m. to Meridian
E. J. Covington M Att. 3c USNRF and R. McGruder M Att. 3c reported for duty from U. S. Naval Training Station, Great Lakes, Ill.

Quartermaster 2nd class, USN

Meridian to 4:00 p. m.
No remarks.

Quartermaster 2nd class, USN

4:00 p.m. to 8:00 p.m.
No remarks.

Electrician 1st class, USN

8:00 p.m. to Midnight
At 10:00 p.m. C/ A. Holmberg, CGM FNR (D) reported for duty on this ship from furlough.

Electrician 1st class, USN

Approved:

Lieutenant Commander, NNV
ommanding Officer.

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP _____

AT OR EN ROUTE FROM _____ TO _____, 191

_____, _____, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Therm. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet-Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

8 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum _____

Minimum _____

Compass _____

S. II _____

Error _____

Variation _____

Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

MAY 13 1918

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. ESSEX

_____ Rate,

COMMANDED BY

Lieutenant Commander L. R. RUTTER USNV, U. S. Navy,

Attached to _____ Division,

_____ Squadron,

Great Lakes Fleet,

Commencing April 1st, 1918,

at Erie, Pennsylvania,

and ending April 30th, 1918,

at Erie, Pennsylvania

1915.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

GOC BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by Lieut. Comdr. L. R. Rutter NNV, U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from April 1st, 1918, to April 30th, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
L. R. Rutter	Lieut.Comdr. NNV	3-17-18		
J. M. Bower	Lieutenant USNRF-1	3-16-18		
E. G. Lewis	Ensign USNRF-4 GS	3-14-18		
E. S. Sarvene	Ensign USNRF-4	4-2-18		
C. E. Crone	Ensign USNRF-4	4-2-18		
E. R. Sanders	Ensign USNRF-4	3-20-18		
G. W. Wood	P.A.Surgeon USNRF-4	3-22-18		
R. E. Wright	A.Paymaster USNRF-4	4-14-18		
J. P. Krause	Carpenter(T) USN	10-15-17		

Examined and found to be correct.

L. R. Rutter

J. M. Bower

Navigator.

Lieutenant, USNRF-1

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

TABLES OF DEVIATION OF THE STANDARD COMPASS No. ..... ON BOARD THE U. S. S. ESSEX

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°	At dock in Erie, Pa/ all winter. No deviation table available.					
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	H.J. Green, Brooklin, New York.	1574	Captain's Cabin.	No	comparison	unknown
ANEROID BAROMETER.	G. Falconer & Co. Hongkong, China.	---	Chart House.	No	comparison	unknown.
THERMOMETER (Dry Bulb).	None					
THERMOMETER (Wet Bulb). (Psychrometer.)	None					

Examined and found to be correct.

L.R. Sutter

J.M. Dowd
Lieutenant, USNRF-1 *Navigator.*

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, April 30, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	1
3	Boatswain's Mates, first class	2
2	Boatswain's Mates, second class	1
6	Coxswains	2
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	
	Gunner's Mates, second class	
2	Gunner's Mates, third class	2
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	
1	Chief Quartermaster (Signals)	
2	Quartermaster, first class	1
2	Quartermaster, second class	2
2	Quartermaster, third class	
50	Seamen	12
75	Ordinary Seamen	65
	Apprentice Seamen	
	Total	89
	ARTIFICER BRANCH.	
1	Chief Electrician	1
1	Electricians, first class	
1	Electricians, second class	1
1	Electricians, third class	3
1	Chief Electrician (Radio)	
1	Electricians, first class (Radio)	1
1	Electricians, second class (Radio)	
1	Electricians, third class (Radio)	3
1	Chief Carpenter's Mate	1
1	Carpenter's Mates, first class	1
	Carpenter's Mates, second class	
1	Carpenter's Mates, third class	
1	Shipwrights	5
1	Shipfitters, first class	3
	Shipfitters, second class	
	Blacksmiths	1
1	Plumbers and Fitters	1
1	Sailmaker's Mates	
	Printers	
	Painters, first class	
	Painters, second class	
	Painters, third class	1
	Total	22
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	3
3	Machinist's Mates, first class	3
3	Machinist's Mates, second class	3
1	Chief Water Tenders	
2	Water Tenders	3
1	Boiler Maker	1
	Blacksmiths	1
1	Coppersmiths	2
3	Oilers	1
6	Firemen, first class	6
6	Firemen, second class	10
6	Coal Passers	10
	Total	43
	SPECIAL BRANCH.	
	Chief Yeoman—Commanding Officer	
	Chief Yeoman—Equipment Department	
4	Chief Yeoman—Pay Department	
	Chief Yeoman—Engineer Department	
	Chief Yeoman—Executive Officer	
	Yeoman, first class—Commanding Officer	
	Yeoman, first class—Equipment Department	
5	Yeoman, first class—Executive Officer	1
	Yeoman, first class—Pay Department	1
	Yeoman, first class—Engineer Department	
	Yeoman, first class—Ship's Store	
	Yeoman, second class—Commanding Officer	
2	Yeoman, second class—Ordnance Officer	
	Yeoman, second class—Executive Officer	1
	Yeoman, second class—Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—Pay Department	
	Yeoman, second class—Engineer Department	
	Yeoman, second class—Ship's Store	
	Yeoman, third class—Commanding Officer	
	Yeoman, third class—Equipment Department	
3	Yeoman, third class—Pay Department	2
	Yeoman, third class—Ship's Store	1
	Yeoman, third class—Engineer Department	
	Yeoman, third class—Navigator	1
	Yeoman, third class—Executive Officer	1
	~~Hospital Stewards~~ P.M.3c	2
2	Hospital Apprentices, first class	2
1	~~Hospital Apprentices~~ C.P.M.	
	Buglers	1
2	~~Commissary Stewards~~ H.A.2c	
1	~~Printers~~ Ch.Stk	
1	~~Yeomen, first class~~ Stk.1c	
1	~~Yeomen, second class~~ Stk.2c	1
1	~~Yeomen, third class~~ Stk.3c	
	Total	14
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	
	Commissary Steward	1
1	Ship's Cooks, first class	1
1	Ship's Cooks, second class	2
1	Ship's Cooks, third class	
2	Ship's Cooks, fourth class	2
1	Bakers, first class	1
	Bakers, second class	
	Total	7
	MESSMEN BRANCH.	
1	Cabin Steward	1
1	Cabin Cook	
1	Mess Attendant	1
1	Wardroom Steward	1
1	Wardroom Cook	
4	Mess Attendants	4
1	Mess Attendants (Laundry)	1
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total	8
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendants	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

4—2599

Examined and found to be correct.

L. R. Sutton

J. M. Powers
Lieutenant USNRF Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ESSEX APRIL, 1918.

MAIN BATTERY.

GUNS.					REMARKS.	SHIP AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.		No.	Type.	Mark and Modifications.	
4	3pdr	50	X	X		6		LX	
2	3pdr	50	X	X Mod. 1.					

SECONDARY BATTERY.

GUNS.			REMARKS.	SHIP, BOAT, AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Mark and Modifications.		No.	Type.	Mark and Modifications.	

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	REMARKS.
40	sgr.	30		1903	

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

J. M. Dawson
Lieutenant, USNRF-1 *Navigator.*

4—2500

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

UNITED STATES SHIP .....

REMARKS.

| | | |

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Monday April 1st, 1918

L. R. Rutter Lieut. Comdr. U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8	Municipal Pier, Erie Pa.								SW	2	29.15	60	49			BC	AS		9	
9																				
10																				
11																				
12			"			"			SW	2	29.04	66	63			BCZ	AS		9	

P. M.																				
1	Muncipal Pier				Erie, Pa.															
2																				
3																				
4	"				"				W	2	29.01	64	50	50		BCZ	CuN		10	
5																				
6																				
7																				
8	"				"				SW	2	29.04	69	59	59		Z	AS		9	
9																				
10																				
11																				
12	"				"				S	4	29.06	70	59	59		Z	OZ		9	

s. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex, Erie, Pa., Monday April 1st, 1918

REMARKS.

8 .00 a.m. to Meridian.

No remarks.

Quartermaster 2nd cl. U.S.Navy.

Meridian to 4.00 p.m

Received on board 128 pounds butter and 100 lbs bread.

Quartermaster 2nd cl. U.S.Navy.

4.00 p.m. to 8.00 p.m.

Received on board 20 lbs beef, 400 lbs hardware from Erie Hardware Co.,

Chief Electrician (g)

8:00 p.m. to Midnight

No remarks

Chief Electrician (g)

Approved:
Lieutenant Commanding
Commanding

Examined:
Lieutenant USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO April 2nd, 1918

L. R. Rutter Lieut.Comdr. USN Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3*																				
4	Municipal Pier, Erie, Pa.								SW	5	29.11	61				B	CiN		8	
5																				
6																				
7																				
8		"			"		"		SW	1	29.10	68				OC	N		10	
9		"			"		"		SW	1	29.10	68				BCZ	AS		10	
10*		"			"		"		SW	1	29.10	68				BCA	AS		10	
11		"			"		"		SW	1	29.18	69				BCF	AS		10	
12		"			"		"		SW	1	29.27	69				BCZ	AS		8	

P. M.																				
1	Municipal Pier, Erie, Pa.								SW	1	29.36	70 62 60				BCZ	Ci-S		8	
2	"						"		W	1	29.36	72 62 60				BCZ	Ci-S		8	
3	"						"		W	1	29.35	61 62 58					Ci-S		7	
4	"						"		W	1	29.33	61 60 58				BCZ	Ci-S		7	
5	"						"		SW	1	29.31	63 58 56				BZ	Ci-S		5	
6	"						"		SW	1	29.31	63 58 56				BCZ	Ci		6	
7	"						"		S	1	29.34	68 54 54				BCZ	Ci-S		7	
8	"						"		N	1	29.34	69 54 54				BCZ	Ci-S		8	
9	"						"		SW	1	29.35	70 56 54				BZ	Ci-S		4	
10	"						"		W	1	29.37	70 57 54				BCL	A-S		4	
11	"						"		NE	1	29.36	69 56 55				OCDL	N		10	
12	"						"		S	1	29.38	66 56 55				CDL	Cu-N		8	

Latitude (8 a. m.) ____
Longitude (8 a. m.) ____
Latitude (Noon.) ____
Longitude (Noon.) ____
Latitude (8 p. m.) ____
Longitude (8 p. m.) ____
Current: Set ____ Drift ____

MAGAZINE TEMPERATURES:
Maximum ____
Minimum ____

Compass
S. H
Error
Variation
Deviation

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2999

UNITED STATES SHIP Essex, Erie, Pa., April 2nd 1918

REMARKS.

Commences and until 4.00 a.m.

Took over sentry duties at gate on public dock, establishing 4 sentries and 2 petty officers in accordance with Senior Officer Present's order of April 1st, 1918.

B A Griep

Chief Boatswains Mate, U.S.Navy

4.00 a.m. to 8.00 a.m.

No remarks.

B A Griep

Chief Boatswains Mate, U.S.Navy

8.00 a.m. to meridian.

Light airs to light breezes from the southwest, barometer falling. Fog set in at 11.00 a.m. Roused out starboard chain on dock for overhauling. Crew engaged in fitting out, repairing planking on sides, renewing deck etc. Burning paint, general overhauling of ship.

E G Lewis

Ensign USNRF-4 G.S.

Meridian to 4.00 p.m.

Light airs from southwest to west. Barometer rising. Fog lifted at 12.15 p.m. Received 200 lbs bread from Erie Baking Co., for general mess. Crew engaged in general work throughout all departments in fitting out.

E G Lewis

Ensign USNRF-4 G.S.

4.00 p.m. to 6.00 p.m.

Knocked off work at 4.30 p.m. Ships carpenter ashore at 5.35 p.m. Liberty party inspected and put ashore at 6.00 p.m. Light airs from SW Barometer steady.

C. C. Crone

Ensign USNRF cec

6.00 p.m. to 8.00 p.m.

Mr. Bowers ashore at 6.30 p.m. Mr Crone ashore at 6.45. Colors at 7.45 p.m. Mr Crone returned 7.45. Anchor watch mustered at 8.00 p.m.

E S Sarvine

Ensign USNRF-4

8.00 p.m. to Midnight.

Doctor returned at 10.00 p.m. Executive Officer returned at 10.20 p.m. Reported at 11.15 from Great Lakes, with transfer papers the following named men:

Church, Chester	Yeo3c	NNV
Wagner, G. Z.	Yeo3c	NNV
Leece, J. B.	Sea2c	USN
Gregson, W. L.	E2cg	USNRF-4

Started raining at 10.55 p.m. Stopped at 11.20 p.m. Rising barometer. Light airs shifting.

C. C. Crone

Ensign USNRF-4

Approved:

L. R. Lucas

Lieutenant Commander NNV
Commanding

Examined:

J. M. Dawson

Lieutenant USNRF-1 U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa., TO Wednesday April 3rd, 1918

L. R. Rutter Lieut., Comdr. U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								W	1	29.42	65	57	56		OR	N		10	
2		"					"		E	1	29.40	63	56	55		CZ	CU		8	
3		"					"		E	1	29.38	60	54	53		CZ	SCU		8	
4		"					"		E	2	29.35	57	54	53		CZ	SCU		9	
5		"					"		NE	3	29.35	55	52	50		CD	SCU		9	
6		"					"		NE	3	29.32	52	50	48		CO	SCU		9	
7		"					"		NE	4	29.34	52	50	48		CQ	SCU		10	
8		"					"		NE	3	29.36	51	48	46		CQ	SXU		9	
9		"					"		NE	4	29.36	57	46	44		BCZ	ACU		10	
10		"					"		NE	4	29.39	54	43	41		BCZ	AS		10	
11		"					"		NE	4	29.40	53	40	38		BCZ	AS		10	
12		"					"		NE	4	29.41	53	40	38		BCZ	AS		10	

Noon. { Latitude / Longitude

P. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Municipal Pier, Erie, Pa.								NE	4	29.41	51	39	37		BCZ	AS		10	
2		"					"		NE	4	29.41	56	39	38		BCZ	AS		10	
3		"					"		NE	3	29.46	54	40	38		BCZ	AS		10	
4		"					"		NE	3	29.46	59	40	38		BCZ	AS		10	
5		"					"		NE	3	29.45	60	40	37		BCZ	AS		10	
6		"					"		NE	3	29. 44	56	39	37		BCZ	AS		10	
7		"					"		NE	3	29.46	65	38	35		BZ	AS		8	
8		"					"		NE	3	29.46	67	37	35		GZ	AS		8	
9		"					"		NE	2	29.50	71	38	36		BC	CiCu		3	
10		"					"		E	2	29.50	72	38	36		B	CiCu		0	
11		"					"		E	1	29.52	73	38	36		B	CiCu		0	
12		"					"		E	1	29.50	74	40	38		B	CiCu		0	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX April 3rd 1918

REMARKS.

Commences and until 4.00 a.m.

Light airs to gentle breezes from West and east. Barometer falling. Fires in boiler "B" for auxiliary purposes.

E S Barrance
Ensign USNRF-4

4.00 a.m. to 8.00 a.m.

Variable breezes from North east. Barometer fluctuating. Liberty party returned. Crew turned to and engaged in general work of fitting out etc.

E S Barrance
Ensign USNRF-4

8.00 a.m. to meridian.

Gentle to moderate breezes from north east. Barometer rising. Crew engaged in gneeral work fitting out etc. Roused out port anchor chain. Overhauling both chains and lockers, shackles, remarking a chain.

E.G. Lewis
Ensign USNRF-4 GS

Meridian to 4.00 p.m.

Gentle breeze from North-east. Barometer rising. Crew engaged in general work. Ordinance Officer made thorough inspection of magizenes. Installing new electric lights in magizenes. Night boxes. Asst. Surgeon. G.A.Wood USNRF attended Jacoby, Arthur C. EM1C. USN attached to Navy Recruiting Station, Erie, Pa. by Commanding Officer's order. Received the following commissary stores:

100 lbs bread from Erie Baking Co.,
103 lbs pork loins
175 lbs beef
52 lbs weiners from Schaffner Bros. Co.,

E.G. Lewis
Ensign USNRF-4 GS

4.00 p.m. to 6.00 p.m.

Recieved the following stores from Great Lakes, Illinois:

4 2" pipe coverings
10 1" " "
1 box spare radio parts
1 box white paint
1 box pipe fittings
1 housing mallet.

Gentle breezes. Barometer fluctuating. Knocked off work at 4.30 p.m. Liberty party ashore at 6.00 p.m.

E S Barrance
Ensign USNRF-4

6.00 p.m. to 8.00 p.m.

Captain moved quarters from USS Wolverine to USS ESSEX and reported aboard at 6.35 p.m. Gentle breezes from northeast. Barometer slowly rising.

E S Barrance
Ensign USNRF-4

8.00 p.m. to midnight.

Captain Rutter left at 9.50 p.m. on five days leave of absence. Barometer steady. Light breezes to light airs from NE to E.

E S Barrance
Ensign USNRF-4.

Approved: P.K. Rutter
Lieutenant Commander
Comanding

Examined: M. Rawd
Lieutenant USNRF-1 [illegible]

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO April 4th.1918. 191

Lieu't. Commander L.R. Rutter U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	At Municipal Pier Erie Pa.								E	1	2951	75	45	39		B			0	
2			"				"		NE	1	29.51	73	46	39		B			0	
3			"				"		E	1	29.49	70	46	39		B			0	
4			"				"		NE	1	29.48	67	47	39		B			0	
5			"				"		NE	1	29.48	67	48	40		B			0	
6			"				"		Calm	0	29.53	73	50	41		BC	Ci S		1	
7			"				"		"	0	29.55	73	50	42		BC	Ci S		6	
8			"				"		"	0	29.56	74	50	44		BC	Ci S		7	
9			"				"		NW	1	29.60	76	50	48		BC	Cu		7	
10			"				"		NE	1	29.60	76	54	50		BC	Cu		7	
11			"				"		N	1	29.60	76	54	54		BC	Cu		8	
12			"				"		NW	1	29.62	75	56	54		BC	CS		6	
												75								
												75								
P. M.																				
1	Municipal Pier, Erie, Pa.								NW	2	29.62	73	58	52		BC	Ci Cu		6	
2	"		"				"		NW	2	29.62	72	58	51		BC	Ci Cu		7	
3	"		"				"		NW	2	29.62	72	58	51		BC	Ci Cu		6	
4	"		"				"		NE	2	29.63	72	5o	46		BC	Ci Cu		6	
5	"		"				"		W	2	29.62	69	47	44		BC	Ci Cu		7	
6	"		"				"		NW	2	29.64	68	46	43		BC	AS		9	
7	"		"				"		N	1	29.66	67	40	38		BC	Ci Cu		7	
8	"		"				"		N	1	29.71	63	40	38		BC	Ci Cu		6	
9	"		"				"		N	1	29.74	73	34	31		BC	Ci		3	
10	"		"				"		N	1	29.75	72	33	31		BC	Ci		3	
11	"		"				"		N	2	29.78	72	34	31		B				
12	"		"				"		N	2	29.80	73	32	30		B				

a. m. Latitude
Longitude

Noon. Latitude
Longitude

p. m. Latitude
Longitude

Current { Set
Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received
Expended
On hand

Fuel oil. { Received
Expended
On hand

Water. { Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX April 4th, 1918

REMARKS.

Commences and until 4.00 a.m.

Fires in boiler "B" for auxiliary purposes. Light airs from east and northeast. Barometer falling.

C. C. Crane
Ensign USNRF-4

4.00 a.m. to 8.00 a.m.

Liberty returned. Crew turned to continuing general work of fitting out. Light air from north east dying down to calm. Barometer rising.

C. C. Crane
Ensign USNRF-4

8.00 a.m. to meridian.

Calm to light airs from the north-northeast. Barometer steady. Crew engaged in general work repairing decks, cemeting sides. Brought aboard starboard chain. Tested all links, shackels, and swivels. Overhauling and cleaning out all bilges steering gear. Air bedding.

E. G. Lewis
Ensign USNRF-4 GS

Meridian to 4.00 p.m.

Light breezes from north-west. Barometer steady. Lieut. J.M.Bower USNRF-1, executive officer, left on leave in accordance with Great Lakes telegram of even date. Was relieved of temporary command by Ensign E. G. Lewis USNRF-4GS. Hauled down SOP pennant. The following named men were transfered to the USS SANDOVAL, bar and baggage; Crowley, H. A. Sea, NNV, VanVleet, D.S. Sea2c, NNV. Crew engaged in general work. Finished bringing aboard port chain. Received 100 lbs. bread from Erie Baking Co.?

E. G. Lewis
Ensign USNRF-4 GS

4.00 p.m. to 6.00 p.m.

Knocked off work at 4.30 p.m. Light breeze to light airs fromwest and northwest. Barometer rising.

E. S. Sarvent
Ensign USNRF-4

6.00 p .m. to 8.00 p.m.

Light breezes from north. Barometer rising.

E. S. Sarvent
Ensign USNRF-4

8.00 p.m. to 12.00 midnight.

Philliping, Meggs Dellard, Mess Attendent 3rd class reported for duty with transfer papers at 9.00 p.m. Barometer steady. Light airs to light breezes from north.

E. S. Sarvent
Ensign USNRF-4

Approved:

L. A. Lucas
Lieutenant Commander NNV
Commanding

Examined:

J. M. Bower
Lieutenant USNRF-1 U. S. N., Navigator.

4—2020

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX April

AT OR EN ROUTE FROM Erie, Pa. TO Friday April 5, 1918

L. R. Rutter Lieut.Comdr. NNV. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								N	2	29.80	73	32	30		B				
2	"						"		NE	3	29.82	73	32	29		BC	ACu		3	
3	"						"		NE	2	29.82	73	31	28		BC	Acu		2	
4	"						"		NE	1	29.82	73	30	28		BC	ACu		2	
5	"						"		NE	1	29.82	73	30	29		BC	Cis		2	
6	"						"		E	1	29.85	75	31	29		BC	Cis		2	
7	"						"		SE	1	29.86	73	31	29		BC	Cis		2	
8	"						"		SE	1	29.90	72	31	29		BC	Cis		4	
9	"						"		SE	1	29.90	68	31	42		BCZ	Cis		6	
10	"						"		SE	1	29.90	68	43	43		BC	Cis		5	
11	"						"		SE	1	29.91	63	44	45		BC	Cis		7	
12	"						"		SE	1	29.92	69	46	45		BC	Cis		7	
																BC				
P. M.																				
1	Municipal Pier, Erie, Pa.								NE	1	29.90	60	44	43		BC	Cis		5	
2	"						"		NE	1	29.88	60	42	41		BC	Cis		5	
3	"						"		NE	1	29.86	60	40	39		BC	Cis		5	
4	"						"		NE	1	29.89	68	40	39		BC	Cis		6	
5	"						"		NW	1	29.89	74	42	43		BC	Cis		3	
6	"						"		NW	1	28.90	72	43	40		BC	Cis		0	
7	"						"		NW	1	29.90	77	42	40		BC	Cis		1	
8	"						"		CALM	0	29.85	70	41	39		BC	Cis		1	
9	"						"		CALM	0	29.85	70	40	28		BC	Cis		1	
10	"						"		CALM	0	29.86	75	38	35		BC	Cis		3	
11	"						"		CALM	0	29.86	74	37	35		BC	Cis		2	
12	"						"		CALM	0	29.85	73	36	34		BC	Cis		1	

Sea. { Latitude / Longitude

Noon. { Latitude / Longitude

P. M. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass / S. H / Error / Variation / Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX April 5, 1918

REMARKS.

Commences and until 4.00 a.m.
Barometer rising/ Light breezes to gentle breezes from north and north west. "B" boiler steaming for auxiliary purposes.

E S Sarvene
Ensign USNRF-4

4.00 a.m. to 8.00 a.m.
Barometer rising. Light air from NE-E and southeast.

E S Sarvene
Ensign USNRF-4

8.00 a.m. to 12.00 meridian.

Crew engaged in general work, repairing decks, cementing sides reeving boat falls, repairing of canvas. Barometer steady. Light air from sotheast.

E S Sarvene
Ensign USNRF-4

Meridian to 4.00 p.m.

Crew paid at 1.00 p.m. Boiler fires hauled at 2.00 to install jet in stack. Dr. Wood attended A.C.Jacoby, BMlc, attached to Navy Recruiting Station, Erie, Pa. Received from Navy Department: 1 claw hammer, 6 iron drills, 1 electric soldering iron, 24 8" hacksaw blades, 200 ft. conduit piping for engineering department. Crew knocked off at 3.00 p.m. to scrub clothes. Received forms and office supplies for pay and executive offices.

C. C. Crone
Ensign USNRF-4

4.00 p.m. to 8.00 p.m.

Received from Erie Produce Co. 1 bbl.apples, 300 lbs potatoes, 50 lbs cabbage for commissary. Received from Erie Baking Co. 100 lbs bread. Liberty parties at 5:15 and 6.00 p.m. Boiler "B" fired at 5.20 p.m. Light airs from northwest. Barometer steady.

C. C. Crone
Ensign USNRF-4

8.00 p.m. to 8.00 p.m.

Liberty parties at 6.30, 7.00 and 7.30 p.m. Light airs from northwest dying down to calm. Barometer falling.

C. C. Crone
Ensign USNRF-4

8.00 p.m. to midnight.

R. B. Exley, Yeo3c, reported at 11.25 p.m. from Great Lakes, with necessary transfer papers. No wind. Barometer steady.

C. C. Crone
Ensign USNRF-4

Approved:

L. R. Lucas
Lieutenant Commander
Commanding

Examined:

J M Dawson
Lieutenant USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Saturday April 6th, 1918

L. R. Rutter Lieut., Comdr. N.N.V. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								Calm	0	29.83	69	34	32		BC	Cis		1	
2		"					"		Calm	0	29.84	79	37	34		BC			7	
3		"					"		S	1	29.83	78	36	33		BC				
4		"					"		S	1	29.83	70	38	35		B				
5		"					"		Calm	0	29.85	79	32	29		B				
6		"					"		Calm	0	29.85	74	34	30		B				
7		"					"		E	1	29.84	73	32	29		B	Cix		3	
8		"					"		E	1	29.84	73	34	30		BCZ	Cis		2	
9		"					"		E	1	29.84	70	36	34		BCZ	Cis		4	
10		"					"		E	1	29.84	68	38	36		BC	Cis		4	
11		"					"		E	1	29.82	68	39	38		BC	Cis		6	
12		"					"		E	1	29.82	68	41	40		BC	Cis		6	
P. M.																				
1	Municipal Pier, Erie, Pa.								E	2	29.78	68	38	37		BC	Cis		4	
2		"					"		E	2	29.75	68	37	36		BC	Cis		5	
3		"					"		E	2	29.76	68	37	36		BC	Cis		5	
4		"					"		NE	2	29.71	68	37	35		BC	Cis		5	
5		"					"		NE	2	29.68	79	41	39		BC	Cis		7	
6		"					"		NE	2	29.70	77	42	39		BC	Cis		6	
7		"					"		NE	2	29.65	73	41	39		BC	Cis		7	
8		"					"		NE	1	29.62	68	38	35		BCZ	Cis		9	
9		"					"		NE	1	29.65	70	36	34		BCZ	Cis		3	
10		"					"		SE	2	29.63	70	36	34		BC	AS		7	
11		"					"		SE	2	29.60	70	37	34		BC	AS		8	
12		"					"		SE	2	29.60	70	36	34		BC	AS		8	

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended / On hand

Fuel Oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX April 6, 1918

REMARKS.

Commences and until 4.00 a.m.

Boiler "B" steaming for auxiliary purposes. Nowind, changing to light airs from the south. Barometer steady.

C. C. Crowe
Ensign USNRF-4

4.00 a.m. to 8.00 a.m.

No wind changing to light airs from the east. Barometer steady.

C. C. Crowe
Ensign USNRF-4

8.00 a.m. to 12.00 meridian.

Crew engaged indrilling. Received from O. C. Thayer & Sons; 5 sacks cemet for ship's carpenter. Mr. Bower returned from leave at 11.15 a.m. A.S.Walters SC4c, brought aboard under guard. Light airs from east. Barometer steady. A.C.Jacoby, BM1c discharged to duty at Navy recruiting Station

C. C. Crowe
Ensign USNRF-4

Meridian to 4.00 p.m.

Received of Great Lakes, N.T.Station, 4 bundles canvas, 346 lbs, 1 bbl.alchol, 385lbs, 1 crate smoothing cemet. Received from H. F. Watson Co. 3 bags asbestos cemet. From Schaffner & Co., 214 lbs beef, 45 lbs liver. Sent detail from ship to take part in Liberty Bond Parade at 12.45 p.m. Barometer steady. Light breeze from E to NE. F. A. Watkins, S2c was this date transferred to Municipal Hospital.

E S Sarvene
Ensign USNRF-4

4.00 p.m. to 6.00 p.m.

Detail from Liberty Bond Papade returned at 4.30 p.m. Barometer fluctuating. Light breeze from NE.

E S Sarvene
Ensign USNRF-4

6.00 p.m. to 8.00 p.m.

Barometer dropping. Light breeze from NE.

E S Sarvene
Ensign USNRF-4

8.00 p.m. to midnight.

F. Callico, F3c, USN; Wm. Riffer, MM1c, NNV; G. J. Schutz, USNRF-4, O. D. Pleasant, Y3c, U.S.N. Reported for duty at 11.30 p .m. from Receiving Ship, Great Lakes, Barometer steady. Light air to light breeze from NE to SE.

E S Sarvene
Ensign, USNRF-4

Approved:

L. R. Lucas
Lieutenant Commander
Comanding

Examined:

J. M. Bowers
Lieutenant USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Sunday April 7th, 1918

L. R. Rutter Lieut. Comdr. N.N.V. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								SE	2	29.59	74	54	52		BC	C AS		9	
2	"						"		S	2	29.58	76	54	52		C	AS		10	
3	"						"		S	2	29.60	75	54	52		C	AS		10	
4	"						"		S	1	29.60	76	54	52		C	AS		10	
5	"						"		S	2	29.61	74	54	52		C	AS		10	
6	"						"		SW	1	29.60	73	54	52		CD	AS		10	
7	"						"		S	2	29.62	73	54	52		CD	AS		10	
8	"						"		S	2	29.65	72	54	52		CG	SCU		10	
9	"						"		SW	2	29.66	72	54	52		CG	SCU		9	
10	"						"		SW	3	29.69	72	54	52		BEZ	SCU		10	
11	"						"		SW	3	29.70	72	54	52		BEZ	SCU		9	
12	"						"		SW	3	29.70	72	54	52		BC	SCU		9	

P. M.																				
1	Municipal Pier, Erie, Pa.								SW	3	29.68	67	56	56		OCZ	AS		1D	
2	"						"		SW	3	29.66	63	60	56		OCZ	AS		10	
3	"						"		SW	3	29.66	66	58	56		OCZ	AS		10	
4	"						"		S	3	29.64	66	54	53		OCZ	AS		10	
5	"						"		S	4	29.66	66	54	53		CZ	AS		10	
6	"						"		SW	2	29.68	73	54	53		CZ	SCK		10	
7	"						"		S	2	29.67	73	54	53		CZ	SCU		10	
8	"						"		SW	2	29.69	70	52	53		CDZ	SCU		10	
9	"						"		SW	1	29.69	72	51	52		CRC	SCU		10	
10	"						"		S	1	29.70	76	48	51		CR	N		10	
11	"						"		S	1	29.69	73	48	47		CR	N		10	
12	"						"		S	1	29.69	73	51	52		CR	N		10	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX April 7th, 1918

REMARKS.

Commences and until 4.00 a.m.

Boiler "B" steaming for auxiliary purposes. Light breezes from southeast shifting to south. Barometer slowly rising.

C. C. Crone
Ensign U.S.N.R.F.-4

4.00 a.m. to 8.00 a.m.

Started raining lightly at 5.25 a.m. Stopped at 6.30 a.m. Gentle and light airs from south and southwest. Barometer fluctuating.

C. C. Crone
Ensign, USNRF-4

8.00 a.m. to 12.00 meridian.

Mustered crew and read "Articles of War." Received from Erie Baking Co., 200 lbs bread at 11.30 a.m.

E S Clarence
Ensign USNRF-4

Meridian to 4.00 p.m.

Moderate south and southwest breezes. Barometer falling.

C. C. Crone
Ensign USNRF-4

4.00 p.m. to 6.00 p.m.

Light breezes from south shifting to southwest. Barometer slowly rising.

C. C. Crone
Ensign USNRF-4

6.00 p.m. to 8.00 p.m.

Started raining at 7.25 p.m. Light breezes from south shifting to light airs from southwest. Barometer rising.

C. C. Crone
Ensign USNRF-4

8.00 p.m. to 12.00 midnight.

Raining. Light airs from southwest shifting to south. Barometer fluctuating.

C. C. Crone
Ensign USNRF-4

Approved:

L. R. Rutter
Lieutenant Commander NNV
Coommanding

Examined:

J. M. Powers
Lieutenant USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Monday, April 8th, 1918

L. R. Rutter, Lieutenant Comander, NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.											2968								10	
1	At Municipal Pier, Erie Pa.								S	1		72	54	51		CB	N		10	
2									S	1	29.70	69	54	50		CR	N		10	
3									S	1	29.68	70	55	52		CR	N		10	
4									S	1	29.66	68	53	60		CR	N		10	
5									SW	1	29.67	68	52	45		CR	N		10	
6									SW	1	29.70	80	46	51		CO	N		10	
7									W	1	29.73	75	53	51		CO	SCU		10	
8									W	1	29.74	74	53	56		CZ	AS		10	
9									W	2	29.74	74	54	58		BC	SCU		7	
10									W	2	29.75	76	59	59		BC	SCU		8	
11									W	2	29.55	78	61	58		BC	SCU		8	
12									W	2	29.75	78	60	58		BC	SCU		8	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
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P. M.																				
1	Municipal Pier, Erie Pa.								W	2	29.77	76	58	57		BC	AS		9	
2									W	2	29.77	74	58	57		BC	AS		9	
3									W	2	29.74	68	56	55		BCZ	AS		10	
4									W	2	29.73	64	54	52		BCZ	AS		10	
5									NW	2	29.73	67	48	46		BCZ	AS		10	
6									NW	1	29.73	73	47	45		OCZ	AS		10	
7									NW	1	29.76	74	45	43		OCZ	AS		10	
8									N	2	29.79	73	38	37		OC	AS		10	
9									N	1	29.83	76	37	36		OC	AS		10	
10									N	1	29.83	68	40	37		OC	AS		10	
11									N	1	29.84	70	38	36		OC	AS		10	
12									N	1	29.85	68	38	37		OC	AS		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX April 8th, 1918.

REMARKS.

Commances and until 4.00 a.m.

Boiler "B" steaming for auxiliary purposes. Barometer dropping. Light air from south. Continuing raining.

E S Sarvent
Ensign USNRF-4

4.00 a.m. to 8.00 a.m.

Captain Rutter arrived on board ship at 6.50 a.m. from leave of absence. Barometer rising, Light air from SW to W. Stopped raining 5.15 a.m.

E S Sarvent
Ensign USNRF-4

8.00 a.m. to meridian.

Light breezes from west. Barometer steady. Turned over main engines for dock trial at 9.30 a.m. Secured main engines at 10.35 a.m. Received 1 box of C&R stores from General Store keeping, Great Lakes. Crew engaged in general work replanking decks and side. Hoisted life boat to starboard quarterdeck davits.

E G Lewis
Ensign USNRF-4

Meridian to 4.00 p.m.

Light breezes from west. Barometer falling. Crew engaged in general work re-fitting out. Commissary stores received.

E G Lewis
Ensign USNRF-4

4.00 p.m. to 6.00 p.m.

Knocked off work at 4.30 p.m. Captain reported aboard at 5.20 p.m. Received from Erie Baking Co., 100 lbs bread for commissary. Received from Erie Produce Co., 600 lbs potatoes, 50 lbs carrots, 50 lbs turnips, 150 lbs apples for commissary. Liberty party at 6.00 p.m. Light breezes and airs from northwest. Barometer steady.

C. C. Crane
Ensign USNRF-4

6.00 p.m. to 8.00 p.m.

Barometer steady. Light air to light breeze from NW to N.

E S Sarvent
Ensign USNRF-4

8.00 p.m. to midnight.

Barometer steady. Light breeze to light air from north.

E S Sarvent
Ensign USNRF-4

Approved:

L. R. Rutter
Lieutenant Commander
Commanding

Examined:

J. M. Dawes
Lieutenant USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Tuesday April 9th, 1918

L. R. Rutter Lieut. Comdr. N.N.V. U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								NW	1	29.85	72	38	36		CO	AS			10
2		"						"	N	2	29.84	70	38	36		CO	AS			10
3		"						"	NE	2	29.83	65	33	31		CO	AS			10
4		"						"	NE	3	29.86	66	32	30		CO	AS			10
5		"						"	NE	4	29.87	68	30	38		COD	AS			10
6		"						"	NE	4	29.89	69	28	28		COD	AS			10
7		"						"	NE	4	29.90	72	28	27		COS	AS			10
8		"						"	NE	5	29.90	74	28	26		COS	AS			10
9		"						"	NE	5	29.93	70	28	26		COS	AS			10
10		"						"	NE	5	29.95	70	28	26		COS	AS			10
11		"						"	NE	5	29.94	68	28	27		COS	AS			10
12		"						"	NE	5	29.95	73	29	27		BC	AS			9

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 62
Minimum 61

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 2720 / On hand 88640

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Municipal Pier, Erie, Pa.								NE	6	29.70	75	39	27		BC	AS			9
2		"						"	NE	6	29.69	73	30	28		BC	AS			8
3		"						"	NE	6	29.68	73	31	29		BC	AS			8
4		"						"	NE	6	29.67	72	32	30		BC	AS			5
5		"						"	NE	4	29.65	70	32	30		BC	AS			4
6		"						"	NE	4	29.64	70	32	30		BC	AS			5
7		"						"	NE	4	29.65	72	32	30		BC	AS			6
8		"						"	NE	3	29.64	72	31	29		BC	AS			6
9		"						"	NE	2	29.66	75	31	29		BC	AS			5
10		"						"	NE	4	29.66	75	31	29		BC	AS			4
11		"						"	NE	5	29.66	75	31	29		BCZ	AS			4
12		"						"	NE	5	29.64	72	31	29		BCZ	AS			4

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX April 9th, 1918.

REMARKS.

Commences and until 4.00 a.m.
"B" boiler steaming for auxillary purposes. Light airs from northwest shifting to gentle breezes from northeast. Barometer fulctuating.

Ensign USNRF-4

4.00 a.m. to 8.00 a.m.
Rain and sleet 4.20 a.m. changing to light snow at 6.25 a.m. Crew turned to at 7.00 a.m. and engaged in general work housing, caulking and paying gun deck, lowering and scrapping booms and strong backs and polishing deck. Gentle and moderate breeze from northwest. Barometer rising.

Ensign USNRF-4

8.00 a.m. to Meridian.
Fresh to strong breeze from northeast. Barometer steady. Crew engaged in general work below decks, redaulking gun deck. Broke out #1 magazine to clean and paint. Captain held mast and awarded the following punishments (see attached list)

Rodgers, H. D.	Cab-std	Arrested for gambling by civil authorities and returned to ship under arrest	Warning
Walters, A. S.	SC4c	Arrested by civil authorities and held over night. Returned to ship under arrest.	Warning
Bell, J.	BM2c	Neglecting to carry out Officer of the deck's orders and making a false report to Officer of the Deck	Warning 5 days restriction
Koon, J. F.	S2c	Shirking duty. Absenting himself from his place of duty without permission from proper authority	5 hrs extra duty
Davenport, J.	MA3c	Arrested by civil authorities and returned to ship under arrest	Warning
Pestka, F. J.	QM2c	Attempting to smuggle intoxicating liquor on board when returning from liberty	Deck Court

Transfered mercurial barometer to cabin, all reading now are from the Aneriod barometer in the chart house. Heavy sea being blown in harbor from lake.

Ensign USNRF-4

Meridian to 4.00 p.m.
Strong breezes from the north east barometer falling. Tested magazine flood cocks.Designated Magazines as follows: Forward berth deck, starboard A; midships B;part C;after magazine located off wardroom country D. sea valve to flood A. B magazine in bad condition could not test; C-D found in working order. Received 50 gals gasoline from Penn. Oil Co., Commissary stores received aboard from Schaffner Bros as follows: 93 lbs beef; 57 lbs weenies; 56 lbs sausage.

Ensign USNRF-4

4.00 p.m. to 6.00 p.m.
Received from Erie Baking Co., 200 lbs bread for commissary. Received from Palace Hardward Co. 1 3/4" pop valve, 12 ft 48" poultry netting for engineer department. Received from Jarecki Mfg. Co., miscelaneous pipe and fittings for the engineering department. Crew knowked off work at 4.30. Moderate northeast breezes. Barometer falling.

Ensign USNRF-4

6.00 p.m. to 8.00 p.m.
Barometer rising. Moderate breeze to light breezes. Quarters at six oclock.

Ensign USNRF-4

8.00 p.m. to midnight.
Moderate and fresh northeast breezes. Barometer steady.

Ensign USNRF-4

Approved:

Lieutenant Commander NNV
Commander

Examined:

Lieutenant USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO April 10th, 1918. 191

L. R. Rutter Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Municipal Pier, Erie Pa.							NE	5	29.63	72	31	29		bc	sci		9	
2		"					"		NE	6-7	29.57	71	31	29		bc	sci		9	
3		"					"		NE	6-7	29.56	70	31	29		bc	sci		9	
4		"					"		NE	7	29.52	70	31	29		bc	sci		9	
5		"					"		NE	7	29.54	70	31	29		bc	sci		9	
6		"					"		NE	7	29.55	70	31	29		b c	sci		8	
7		"					"		NE	7	29.56	70	30	28		bc	sci		8	
8		"					"		NE	6	29.55	70	29	27		bc	sci		8	
9		"					"		NE	7	29.55	70	29	27		bc	asmi		8	
10		"					"		NE	7	29.54	68	29	27		bc	as		8	
11		"					"		NE	6	29.53	70	30	28		bc	as		9	
12		"					"		NE	7	29.52	70	30	28		c	as		10	
P. M.																				
1		Muninipal Pier, Erie Pa.							NE	6	29.53	70	30	28		oc	as		10	
2		2					"		NE	6	29.51	69	31	29		oc	as		10	
3		"					"		NE	7	29.49	69	31	29		ocr	as		10	
4		"					"		NE	7	29.46	68	30	28		ocr	as		10	
5		"					"		NE	6	29.46	66	30	29		oczrh	n		10	
6		"					"		NE	6	29.46	66	30	29		oczrh	n		10	
7		"					"		NE	6	29.46	68	31	29		oczrh	n		10	
8		"					"		NE	6	29.48	70	31	29		oczrh	n		10	
9		"					"		NE	6	29.49	70	31	30		oczrh	n		10	
10		"					"		NE	6	29.49	70	31	30		oczrh	n		10	
11		"					"		NE	6	29.49	71	31	30		oczrh	n		10	
12		"					"		NE	6	29.49	72	31	30		oczrh	n		10	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex April, 10th, 1918.

REMARKS.

Commences and until 4:00 a.m.

Boiler "B" steaming for auxiliary purposes. Fresh and strong northeast breezes increasing to moderate gale. Barometer falling.

C.C. Crone
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.

Muster at 7:00 a.m. No absentees. Turned to at 7:00 a.m. Strong breezes to fresh gale from the northeast. Barometer falling. Liberty party returned.

E.S. Sarvent
Ensign, USNRF 4 GS

8:00 a.m. to Meridian

Moderate gale from northeast. Barometer falling. Crew engaged in general work cleaning, painting and repairing gun deck. Replanking sides. Cementing water tanks. Received pipe fittings from Standard Pipe & Supply Co. Received canteen stores aboard. Enlarging galley. Replanking ships side.

E.G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.

Moderate gale to strong breezes from the northeast. Barometer falling Crew engaged in general work re-fitting out.

E.G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.

Barometer steady. Strong breeze from northeast. Crew knocked off work at 4:30 p.m. Liberty party ashore at 6:00 p.m.

E.S. Sarvent
Ensign, USNRF 4 es

6:00 p.m. to 8:00 p.m.

Liberty party ashore. Strong northeast breezes. Barometer steady.

C.C. Crone
Ensign, USNRF 4 cec

8:00 p.m. to Midnight

J. F. Peck, CMM, USNRF; H.G. Taylor, Bugler, USN; C.W. Smith, HA USN; W.K. Anderson, QM1c; M.C. Darling, HA , USN; F. Hill QM2c, USN S. Bedell, HA , USN reported for duty from Great Lakes at 11:30 p.m. Barometer remaining same. Strong breeze from NE.

E.S. Sarvent
Ensign, USNRF 4 es

Approved:

L.R. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined:

J.M. Dawes
Lieutenant, USNRF, Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Thursday April 11th, 1918

L. R. Rutter Lieut.Comdr.NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								NE	6	29.48	71	31	30		OCSZ	N		10	
2		"					"		NE	6	29.47	72	31	30		OCSZ	N		10	
3		"					"		NE	6	29.47	75	31	30		OCSZ	N		10	
4		"					"		NE	5	29.48	76	32	30		OCZ	N		10	
5		"					"		NE	4	29.48	77	32	31		OCS	N		10	
6		"					"		NE	3	29.47	74	33	32		OCS	N		10	
7		"					"		NE	3	29.47	73	32	31		OCS	N		10	
8		"					"		NE	3	29.45	70	32	31		OCS	N		10	
9		"					"		NE	2	29.45	68	32	31		OCS	N		10	
10		"					"		NE	2	29.45	68	32	31		OCZ	N		10	
11		"					"		NE	3	29.41	68	32	31		OCZ	N		10	
12		"					"		NE	2	29.45	62	32	31		OCZ	N		10	

Noon. Latitude _____ Longitude _____

P. M. Latitude _____ Longitude _____

Current. Set _____ Drift _____

Magazine Temperatures:
Maximum 59
Minimum 57

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. Received _____ Expended 4100 lbs On hand 80840 lbs

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Municipal Pier, Erie, Pa.								NE	2	29.41	64	34	33		OCZ	NS		10	
2		"					"		NE	2	29.40	65	34	33		OC	NS		10	
3		"					"		NE	2	29.40	67	33	32		OC	AS		10	
4		"					"		NE	2	29.42	61	34	33		OC	AS		10	
5		"					"		NE	3	29.42	70	34	33		OC	AS		10	
6		"					"		NE	4	29.42	60	34	33		OC	AS		10	
7		"					"		NE	4	29.41	68	34	33		OC	AS		10	
8		"					"		NE	3	29.41	68	34	33		OC	AS		10	
9		"					"		NE	3	29.41	68	34	33		OC	AS		10	
10		"					"		E	2	29.35	70	34	32		OC	AS		10	
11		"					"		E	2	29.35	74	34	32		OC	AS		10	
12		"					"		E	2	29.35	73	34	32		OC	AS		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX April 11th, 1918

REMARKS.

Commences and until 4.00 a.m.
Started snowing at 1.30 a.m. Strong northeast breezes. Barometer steady.

E. S. Sarvent
Ensign USNRF-4

4.00 a.m. to 8.00 a.m.
Liberty party returned at 7.00 a.m. one absentee, H. W. Herron, sea. Muster at 7.00 a.m. Crew turned to at 7.00 a.m. Arlington wireless station out of commission. Snowing. Moderate to gentle northeast breezes. Barometer steady.

E. S. Sarvent
Ensign USNRF-4

8.00 a.m. to meridian.
Light breezes from northeast. Barometer falling. Crew engaged in general work, recaulking gun deck, drying down and cleaning snow from deck. Scrubbing gun deck paintwork. Tested out steering engine at 9.30 a.m. Secured at 10.00 a.m. Tested main engines at 10.00 a.m. Secured at 10.30 a.m. Stopped snowing at 10.45 a.m. replanking ships side. H. W. Herron Sea. U.S.Navy, returned 45 minutes overtime from liberty.

E. G. Lewis
Ensign USNRF-4 GS

Meridian to 4.00 p.m.
Light breezes from northeast. Barometer steady. Received C&R stores from Great Lakes. Commissary stores received from Schaffner Bros. 86 lbs. pork loins. Crew engaged in general work, replanking and cementing ships side, Caulking and housing down both decks.

E. G. Lewis
Ensign USNRF-4 GS

4.00 p.m. to 6.00 p.m.
Tug New York docked at 4.30 p.m. and got underway at 5.15 p.m. Knocked off work at 4.30 p.m. Liberty party ashore at 6.00 p.m. Gentle and moderate northeast breezes. Barometer steady.

E. S. Sarvent
Ensign USNRF-4

6.00 p.m. to 8.00 p.m.
Liberty parties ashore at 6.30 and 7.00 p.m. Moderate and gentle northeast breezes. Barometer steady.

C. C. Crowell
Ensign USNRF-4

8.00 p.m. to midnight.
Gentle northeast breezes, shifting to light east breezes. Barometer falling.

C. C. Crowell
Ensign USNRF-4

Approved:
L. R. Sutton
Lieutenant Commander NNV
Commanding

Examined:
J. M. Dawson
Lieutenant USNRF-1 U. S. N., Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 12 April 1918, 191

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Municipal Pier, Erie Pa.							E	1	29.35	67	34	33		oc	as		10	
2		"				"			EXS	1	29.30	67	34	33		oc	as		10	
3		"				"			ESE	1	29.30	74	33	33		o	as		10	
4		"				"			NE	2	29.30	72	32	32		os	as		10	
5		"				"			NE	2	29.30	72	32	32		os	as		10	
6		"				"			N	2	29.30	72	32	31		ocs	as		10	
7		"				"			NE	3	29.29	68	32	31		oc	as		10	
8		"				"			NE	3	29.26	66	32	31		oc	as		10	
9		"				"			NE	2	29.26	66	33	32		oz	as		10	
10		"				"			NE	2	29.25	64	33	32		oz	as		10	
11		"				"			NE	2	29.26	65	33	31		oz	as		10	
12		"				"			NE	2	29.30	70	33	31		oz	as		10	

Lat. and Long. at 8 a. m.: Latitude ____ Longitude ____

Lat. and Long. at Noon: Latitude ____ Longitude ____

Lat. and Long. at 8 p. m.: Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures: Maximum ____ Minimum ____

Compass ____ S. H ____ Error ____ Variation ____ Deviation ____

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Municipal Pier, Erie, Pa.							NE	2	29.33	72	33	32		cos	n		10	
2		"				"			NE	2	29.33	72	33	31		cos	n		10	
3		"				"			NE	1	29.30	64	34	33		co	as		10	
4		"				"			NE	1	29.30	68	34	33		co	as		10	
5		"				"			NE	1	29.30	62	32	32		co	as		10	
6		"				"			NE	1	29.30	68	32	32		co	as		10	
7		"				"			NE	1	29.30	70	32	32		co	as		10	
8		"				"			NE	1	29.30	68	32	32		os			10	
9		"				"			NE	1	29.33	70	34	33		os	as		10	
10		"				"			N	2	29.33	70	34	33		oc	as		10	
11		"				"			N	2	29.33	70	36	35		oc	as		10	
12		"				"			N	3	29.33	72	34	35		oc	as		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex 12 April, 1918.

REMARKS.

Commences and until 4:00 a.m.

"B" boiler steaming for auxiliary purposes. Started snowing at 3:25 a.m. Barometer steady. Light air to light breeze changing from E to ExS to ESE to NE

E.S. Sarvent
Ensign, USNRF 4 ess

4:00 a.m. to 8:00 a.m.

Achor watch turned to at 5:45 a.m. to clean spar deck of snow. Divisions mustered at 7:00 a.m. No absentees. Light breeze to gentle breeze from NE - N and E. Barometer steady.

C. C. Crowley
Ensign, USNRF 4 ess

8:00 a.m. to Meridian

Light breeze from northeast. Barometer rising. Crew engaged in following work: re-newal of planking on ship's sides, main deck re-calking main deck and gundeck. Burning, scraping, and scrubbing paint work on gun deck, and berth deck. Received following stores from G.S.K., Great Lakes: 6 bales of oakum, 1 oil stove, 30 elbows brass for conduit. Oakum crate broken and g eneral bad order. Received from STar Electric Co., Erie? Electrical supplies. Tug Avalon stood in with ash lighter. Shifting winter supply of ashes to west side of dock. Received commissary stores from Schaffner Bros.

E.G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.

Light breezes from northeast. Barometer falling. Stopped snowing at 2:50 p.m. Electrical supplies received aboard. Received barrell of Marine oil aboard. Crew engaged in same work as on 8:00 a.m. to Meridian.

E.G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.

Crew knocked off work at 4:30 p.m. Received 500 lbs. bread from Erie baking Co. for commissary. First liberty party went ashore at 6:00 p.m. Light northeast airs. Barometer falling.

C. C. Crowley
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p/M/

Liberty party ashore at six o'clock. Barometer steady. Light air from NE

Ensign, USNRF 4 ess

8:00 p.m. to Midnight

E.S. Sarvent

Barometer steady. Light air to light breeze to gentle breeze.

E.S. Sarvent
Ensign, USNRF 4 ess

Approved:
L.R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:
J.M. Dawson
Lieutenant, USNRF 4 Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 13th April, 1918, 191

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								N	2	29.33	72	34	33		co	as			
2									N	2	29.32	71	35	33		co	as		10	
3									N	2	29.33	71		34		co	as		10	
4									NE	2	29.33	74	35	34		co	as		10	
5									NE	1	29.34	76	32	32		co	as		10	
6									NE	1	29.33	71	32	32		c	as		10	
7									O	0	29.33	73	33	32		bc	ci		5	
8									O	0	29.37	76	43	40		bc	cu		4	
9									N	1	29.37	72	48	46		bcz	cu		6	
10									NW	1	29.37	64	78	76		bc	cu		5	
11									W	2	29.36	58	78	78		bc	cu		3	
12									W	2	29.35	58	66	65		bc	cs		3	

m. / a. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

p. m. / a. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Municipal Pier Erie, Pa.								nw	2	29.35	69	58	56		bc	cis		4	
2									NW	2	29.36	73	58	56		bc	cis		4	
3									NW	2	29.36	73	58	56		bc	cis		4	
4									NW	2	29.36	73	58	56		bc	cis		4	
5									SW	1	29.36	74	48	47		bc	cis		3	
6									W	1	29.36	72	49	48		bc	cis		3	
7									W	1	29.36	76	45	44		bc	cis		3	
8									W	1	29.36	76	44	43		bc	cis		3	
9									SW	1	29.36	73	48	45		bc	cis		5	
10									SW	1	29.36	80	48	46		bc	cis		4	
11									SW	1	29.37	80	48	46		bc	cis		3	
12									SW		29.37	67	48	46		bc	cis		4	

(This page to be sent to Bureau of Navigation monthly.)

1—2599

UNITED STATES SHIP Essex 13th April, 1918.

REMARKS.

Commences and until 4:00 a.m.

Boiler "B" steaming for auxilliary purposes. Light north breezes. Barometer steady.

C. C. Crane
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.

Liberty party returned. Muster at 7:00 a.m. No absentees. Crew turned to at 7:00 a.m. Light breezes from northeast dying down to calm/ Barometer steady.

C. C. Crane
Ensign, USNRF 4 cec

8:00 a.m. to Meridian

Variable breezes from the north to west. Barometer steady. Crew engaged in cleaning up and straightening dock, replanking ships decks and sides; general outfitting. Tested out main engines at 10:00 a.m. secured at 11:00 a.m. Received C&R stores, also commissary stores.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.

Light airs to light breezes from the northwest. Barometer steady. Liberty party left the ship at 1:00 p.m.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.

Light breezes to light air from NW to SW to W. Barometer steady.

E. S. Sarvent
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.

Light airs from the southwest. Barometer steady. Liberty party shoved off at 6:00 p.m.

C. C. Crane
Ensign, USNRF 4 ess

8:00 p.m. to Midnight

Captain Rutter reported aboard at 11:45 p.m. Barometer steady. Light air from southwest.

E. S. Sarvent
Ensign, USNRF 4

Approved:

L. K. Rutter
Lieutenant Commander NNV
Commanding Officer

Examined:

J. M. Dawson
U. S. N., Navigator.
Lieutenant, USNRF-1

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 14 April, 1918, 191

L.R.Rutter, Lieutenant Commander, USNV *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Municipal Pier Erie Pa.							SW	1	29.37	74	42	40		bc	cis		4	
2			"			"			CALM	0	29.37	73	42	40		bc	cis		4	
3			"			"			"	0	29.37	70	42	40		bcz	cis		3	
4			"			"			"	0	29.36	72	42	40		bcz	cis		3	
5			"			"			"	0	29.36	74	42	40		bcz	cis		3	
6			"			"			"	0	29.36	76	40	39		bcz	cis		3	
7			"			"			SW	1	29.36	74	42	41		bcz	cis		4	
8			"			"			SW	1	29/36	70	61	59		bcz	cis		5	
9			"			"			SW	1	29.37	68	67	59		b	cis		3	
10			"			"			SW	1	29.37	66	72	60		b	cis		3	
11			"			"			SW	1	29.37	70	69	60		b	cis		3	
12			"			"			SW	1	29.41	77	63	58		b	cis		3	

P. M.																				
1		Municipal Pier, Erie, Pa.							W	2	29.36	80	55	53		bc	cis		3	
2									W	2	29.36	74	52	50		bc	cis		2	
3									W	2	29.36	75	50	46		bc	cis		2	
4									W	2	29.36	68	52	50		bc	cis		2	
5									W	2	29.40	66	48	47		bc	cis		4	
6									W	2	29.40	74	48	47		bc	cis		4	
7									W	2	29.40	74	49	48		bc	cis		4	
8									W	2	29.40	73	47	46		bc	cis		5	
9									W	2	29.40	76	46	45		bc	cis		4	
10									W	2	29.40	75	46	44		bc	cis		3	
11									W	1	29.40	74	45	44		bc	cis		3	
12									W	1	29.40	73	44	42		bc	cis		2	

a. m. { Latitude
Longitude

Noon. { Latitude
Longitude

p. m. { Latitude
Longitude

Current { Set
Drift

Magazine Temperature:
Maximum 60
Minimum 59

Compass
S. H
Error
Variation
Deviation

Coal. { Received
Expended 2800
On hand 71000

Fuel oil. { Received
Expended
On hand

Water. { Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Esses, 14 April 1918.

REMARKS.

Commences and until 4:00 a.m.

Boiler "B" steaming for auxiliary purposes. Light Southwest airs and calm. Barometer steady.

E. S. Sarnene
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.

Muster at 7:00 a.m. Two absentees; F. T. O'Rourke, Sea 2c and B. H. Martin, Sea 2c. Liberty party returned. Calm and light southwest airs. Barometer steady.

C. C. Crone
Ensign, USNRF 4

8:00 a.m. to Meridian

Light airs from southwest . Church party left ship. Barometer steady. Steamer C. Thompson of Hanover line, attempted to secure on west side of dock, but on being informed of Regulations shifted berth. Assist. Paymaster R. E. Wright USNRF 4 reported aboard for duty as Supply and Disbursing Officer.in accordance with Dist. Comdt's orders 8475-R of April 13-1918.

E. G. Lewis
Ensign, USNRF4 GS

Meridian to 4:00 p.m.

Light breezes from the west/ Barometer steady. Liberty party ashore at 1:00 p.m. Visitors aboard.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.

All visitors ashore by 5:00 p.m. Light west breezes. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

6 :00 p.m. to 8:00 p.m.

Light west breezes. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

8:00 p.m. to Midnight.

Light breezes to light airs from west. Barometer steady.

C. C. Crone
Ensign, USNRF4 cec

Approved: L. R. Rucker
Lieutenant Commander, NNV
Commanding Officer

Examined: J. M. Dawson
Lieutenant, USNRF, Navigator.

←2500

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 15 April 1918, 191

L. K. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1	Municipal Pier, Erie Pa/								W	1	29.40	73	46	44		bc	ci-s		2	
2									W	1	29.40	72	47	45		bc	ci-s		2	
3									SW	1	29.40	76	48	46		bc	ci-s		2	
4									SW	1	29.40	74	48	46		bc	ci-s		2	
5									calm	0	29.41	74	46	45		bc	ci-s		4	
6									calm	0	29.41	74	46	45		bc	ci-s		4	
7									SW	1	29.44	74	46	45		bc	ci-s		4	
8									SW	1	29.47	76	62	50		bc	ci-s		4	
9									SW	1	29.47	75	79	72		bcz	ci-s		6	
10									SW	1	29.50	77	84	75		bc	ci-s		5	
11									SW	1	29.50	76	86	80		bc	ci-s		4	
12									SW	1	29.48	75	86	81		bc	ci-s		4	

S. A. M. { Latitude / Longitude

Noon { Latitude / Longitude

P. M. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 61
Minimum 59

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 2700 / On hand 68700

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning	Afternoon
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																
1	Municipal Pier, Erie Pa.								SW	2	29.46	62	68	66	bc	cas		3	
2									SW	2	29.43	62	68	66	bc	cas		4	
3									SW	2	29.42	60	66	64	bc	cas		4	
4									SW	2	29.39	58	64	63	bc	cas		3	
5									SW	1	29.38	60	62	60	bc	ci-s		3	
6									SW	1	29.38	60	61	59	bc	ci-s		2	
7									CALM	0	29.38	60	60	58	bc	ci-s		2	
8									CALM	0	29.38	58	56	54	bc	ci-s		3	
9									CALM	0	29.38	72	56	54	bcz	ci-s		6	
10									CALM	0	29.38	72	56	54	bcz	ci-s		6	
11									CALM	0	29.38	72	56	54	bcz	ci-s		6	
12									CALM	0	29.38	72	56	54	bcz	ci-s		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 15 April, 1919.

REMARKS.

Commences and until 4:00 a.m.
Light air from west to southwest. Barometer steady.

E S Sarsune
Ensignm USNRF 4 ess

4:00 a.m. to 8:00 a.m.
Light air to calm from southwest. Barometer rising. Crew Mustered at 7:00 a.m. No absentees. Crew turned to at 7:00 a.m.

E S Sarsune
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Light air from southwest. Barometer fluctuating. Crew engaged in replanking ship's side, recaulking decks and sides, scraping boats and davits, scrubbing masts and red leading stack. General work re-outfitting. Made daily inspection of magazines. Conditions normal. Received C&R stores from Great Lakes. Received canteen stores aboard. Discovered smoke in Captains stateroom at 11:33 a.m., starboard quarters. Chipped out plank, flooded. Smoke disappeared.

E G Lewis
Ensign, USNRF 4 GS

Meridain to 4:00 p.m.
Light air from southwest. Barometer falling. U.S.S. YANTIC under way at 12:53 PM. Secured along side north end Public Dock at 1:15 p.m. U.S.S. SANDOVAL shifted mooring, now at west slip of Canal Basin. U.S.S. WOLVERINE SHIFTED mooring, now lying ahead of this vessel. Received 300 lbs. bread from Erie Baking Co. Commissary stores received as follows from Schaffner Bros. 2 cases eggs, 69 lbs. corn beef, 52 lbs. sausages, 1000 lbs. of ice. Crew engaged in general work as numerated in morning watch. Aired bedding. Scrubbed Crew's mess tables and benches. Fifty lbs. hamburg condemed by Medical Officer and thrown overboard.

E G Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Tested steam steering gear at 4:10 p.m. Crew knocked off work at 4:30 p.m. Restowed hammocks at 4:35 p.m. Restowed mess tables at $:45 p.m. Received from Erie Produce Co., for commissary; 600 lbs. potatos, 50 lbs. turnips, 50 lbs. cabbage, 150 lbs. apples. Liberty party shoved off at 6:00p.m. Light airs from southwest. Barometer steady.

L. C. Crow
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.
Barometer steady. Calm.

E S Sarsune
Ensign, USNRF 4 ess

8:00 p.m. to Midnight.
Barometer steady. The following men reported for duty in draft from Great Lakes with neccessayy transfer papers at 11:25 p.m.

Anderson, Robert Olaf	Sea	USN
Bates, George James	Sea	USN
Behnke, Arthur Carl	Sea 2c	USN
Berg, Roy C.	Sea	USN
Binger, Clarence C.	Sea 2c	USN
Blecker, William Frederick	Sea	USN
Brennan Thomas Grant	Sea 2c	USN
Brill, John Lee	Sea 2c	USN
Brosamer, George William	Sea	USN
Burns, William Douglas	Sea 2c	USN
Bush, Charles Clarence	Sea 2c	USN
Clough, Harold Frederick	Sea	USN

E S Sarsune
Ensign, USNRF 4 ess

Approved:

L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:

J. M. Dawn
Lieutenant, USNRF-1 Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 16 April 1918, 191

L.R.Rutter, Lieutenant Commander NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1							Municipal Pier, Erie Pa.		Calm	D	29.39	72	58	56		bcz	as		4	
2									Calm	D	29.39	72	58	56		bcz	as		4	
3									sw	1	29.39	72	58	56		bcz	as		3	
4									sw	1	29.36	68	56	54		bcz	as		4	
5									s	1	29.35	68	58	52		bcz	as		3	
6									Calm	0	29.35	74	50	5050		bcz	as		4	
7									se	1	29.35	75	50	50		bcz	as		3	
8									Calm	0	29.37	74	56	48		z	as		10	
9									Calm	0	29.39	75	63	56		z	asu		10	
10									Calm	0	29.34	77	66	58		z	asi		10	
11									Calm	0	29.34	77	58	54		z	as		10	
12									ne	1	29.34	77	54	50		z	as		10	

Noon: Latitude / Longitude

P. M.: Latitude / Longitude

Current: Set / Drift

Magazine Temperatures: Maximum 59 / Minimum 58

Compass

S. H

Error

Variation

Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1							Municipal Pier, Erie Pa.		NE	1	29:27	77	45	44		cz	as			
2									NE	1	29.26	72	45	44		coz	as			
3									NE	1	29.24	75	47	45		cdo	a			
4									NE	1	29.23	74	50	48		cdo	n			
5									SE	1	29.22	74	48	46		cr	as			
6									SE	1	29.22	74	50	48		cr	as			
7									SE	1	29.22	72	50	48		cr	ni			
8									SE	1	29.20	70	54	52		bcz	cu			
9									S	1	29.17	72	55	53		bc	scu			
10									S	1	29.17	71	55	53		bc	scu			
11									S	1	29.17	73	58	56		oz	as			
12									S	1	29.16	75	56	54		oz	as			

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 16 April, 1918

REMARKS.

Commences and until 4:00 a.m.
Calm foloowed by light airs from southwest., Barometer falling.

L. C. Crane
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Mustered at 7:00 a.m' No absentees. Crew turned to at 7:10 a.m. South to southwest airs and calm. Barometer steady.

L. C. Crane
Ensign, USNRF 4 CEC

8:00 a.m. to Meridian.
Calm to light airs from the northeast. Barometer falling. Tested out steering gear. Crew engaged in following work: replanking side and deck, recaulking side and deck, chipping gun ports and boat davits, burning paint off boats, scrubbing chart house and bridge, breaking out sail locker. Replaced canvas on forward berth-deck.

C. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 a.m.
Light airs from the northeast. Barometer falling. Crew engaged in general work as on morning watch. Received 90 lbs. beef, 54 lbs. hamburger, 76 lbs. ham from Schaffner Bros. Received two tubs butter. Commenced raining at 2:25 p.m. Received C&R stores from Great Lakes.

C. G. Lewis
Ensign, USNRF 4 GS

4:00p.m. to 6:00 p.m.
Testing out one coppack mattress for its floating properties. Coal barge Toledo shoved off from pier at 4:20 p.m. Crew knocked off work at 4:30 p.m. Light air from NE to SE Barometer steady.

E. L. Sarrene
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.
Liberty party shoved off at 6:00 p.m., 6:30 and 7:30 p.m. Light southeast airs. Barometer falling. Stopped raining at 7:25 p.m.

L. C. Crane
Ensign, USNRF 4 cec

8:00 pam. to Midnight.
Reported aboard with transfer papers from Great Lakes, Ill. the following men on draft No. 199:

	Kelly, Edward James	Y3c	USN
	Hopkins, D.V.	MM2c	USNRF 4
	Prator, R.F.	F2c	USN
	Glazer, A.A.	SF2c	USN
	Somers, E.R.	F2c	USN

Light
Light southwest to south airs. Barometer steady.

L. C. Crane
Ensign, USNRF 4 cec

Approved:
L. A. Lucas
Lieutenant Commander, USNRF
Commanding Officer.

Examined:
J. M. Bowers
Lieutenant, USNRF
Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO a7 April 1918, 191

L.R.Rutter Lieut. Comdr., NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction	Wind. Force	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.	Municipal Pier Erie Pa.								S	1										
1									S		29.16	75	55	53		co	as		10	
2									S	1	29.14	76	54	53		co	as		10	
3										1	29.11	76	56	53		co	as		10	
4									S	1	29.10	76	55	54		bc	cis		4	
5									S	1	29.09	74	56	54		bd	cs		4	
6									S	1	29.06	70	54	52		bc	cs		4	
7									SW	1	29.06	70	54	52		bcz	cs		5	
8									S	1	29.06	70	60	58		bcz	cs		6	
9									S	1	29.01	72	52	50		bcz	cs		8	
10									SW	1	28.93	68	67	65		bcz	cs		7	
11									SE	1	28.92	70	66	64		cz	cs		9	
12									SE	1	28.94	75	48	46		cz	as		10	

S. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
P. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

MAGAZINE TEMPERATURES:
Maximum 59
Minimum 58

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.	Municipal Pier Erie Pa.												
1		nxe	1	28.93	74	48	46		ocz	as		10	
2		W	1	28.91	73	56	52		or	as		10	
3		SSW	1	28.90	72	63	58		or	n		10	
4		SE	1	28.85	74	62	57		or	n		10	
5		SSE	2	28.78	76	63	61		or	n		10	
6		S	2	28.76	74	65	63		ocr	n		10	
7		SW	3	28.75	72	66	64		ocr	n		10	
8		WSW	4	28.75	68	60	58		oc	scu		10	
9		SW	5	28.75	70	58	56		bc	scu		8	
10		SW	2	28.80	72	60	58		bc	acu		5	
11		S	2	28.80	70	59	57		hc	acu		8	
12		SW	1	28.80	72	57	55		bco	as		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 17 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler "B" steamingfor auxiliary purposes. Barometer falling. Light air from south.

E. J. Sarvene
Ensign, USNRF 4 ess

4:00 a.m. to 8:00 a .m.
Crew mustered at 7:00 a.m. No absentees. Crew turned to at 7:00 a.m. Barometer falling . Light air from south to southwest.

E. J. Sarvene
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Light air to calm from the southeast. Barometer falling. ~~Crew~~ Crew engaged in following work: replanking ships side and deck, caulking of same, chipping and burning paint off boats and boat davits. Bag and hammock of F.F. Demrosky, Cox. USNRF-2 received with draft. Stowed in lucky bag. 896 lbs. of marime glue from United Hdwe. Co. Tested out main engines at 9:25a.m. Secured at 10:05. Broke out of hold motor generator # 4629, type open and put on dock to be crated for shipment, Crocker Wheeler Motor Generator. Received commissary stores from Schaffner Bros.

E. G. Lewis
Ensign, USNRF 4GS

Meridian to 4:00 p.m.
Light variable winds from northeast to southeast. Barometer falling. Crew engaged in general work as outlined in first watch. Breasted ship away from the dock. Received canteen stores aboard. F.F.Demrosky Cox. USNRF 2 reported aboard foroduty from Great Lakes Commissary stores received aboard.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. tom6:00 p.m.
Following men were enlisted and sworn in at 4:15 p.m. J. Clinton MeCarty, Lds-Emgineman 2nd class, USNRF 4; Arthur Richter, Sea2c USNRF 4; Chas. Bellows, Lds-Engine man 2nd class, USNRF 4. Crew knocked off general work at 4:30 p.m. Breasted ship back to dock. Liberty party ashore at 6:00 p.m. Light air to moderate breezes from S toSW to SWS.

E. J. Sarvene
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.
Liberty parties shoved of at 6:30 & 7:00 p.m. Gentle breezes from southwest changeing to moderate breezes from west southwest. Barometer steady.

L. E. Crow
Ensign, USNRF 4 cec

8:00 p.m. to Midnight.
John Joseph Shannon, Storekeeper 2nd class reported for duty at 10:30 p.m. from Great Lakes T/ Station. Barometer rising. Fresh breeze to light air from southwest.

E. J. Sarvene
Ensign, USNRF 4 ess

Approved:

L. R. Sumner
Lieutenant Commander, NNV
Commanding Officer

Examined:

J. M. Dawson
Lieutenant, USNRF-1 N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO 18 April 1918. 191

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie Pa.								SW	2	28.81	73	57	57		c	scu		10	
2									SW	4	28.82	72	54	50		scu	scu		10	
3									SW	4	29.83	74	51	47		c	scu		10	
4									SW	3	29.85	75	50	46		c	scu		10	
5									SW	4	29.87	74	49	45		cc	scu		10	
6									SW	4	29.88	73	48	44		cc	s u		10	
7									SW	3	28.91	73	48	44		cc	scu		10	
8									SW	3	28.95	73	47	43		cc	as		10	
9									W	3	29.00	76	46	43		bc	scu		10	
10									SW	4	29.02	75	45	43		bc	acu		7	
11									SW	3	29.03	76	66	62		bc	cu		2	
12									SW	3	29.05	77	60	68		bc	acu		2	

Noon.	Latitude	
	Longitude	
8 p. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperature:
Maximum 62
Minimum 60

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.												
1	Municipal Pier Erie, Pa.	SW	3	29.09	80	53	51		bc	acu		3
2		SW	3	29.10	80	54	52		bcz	ci		2
3		SW	2	29.11	73	54	52		bcz	cis		5
4		SW	1	29.11	72	52	50		bcz	cis		5
5		SW	2	29.13	70	52	50		bc	cis		7
6		SW	2	29.17	74	48	46		cc	as		10
7		SW	2	29.20	71	46	45		cc	as		10
8		SW	2	29.21	71	43	41		cc	as		10
9		W	2	29.25	72	42	40		bcz	cs		5
10		NE	4	29.27	70	36	34		bcz	cs		5
11		NE	4	29.29	70	32	30		bca	cs		6
12		NE	4	29.34	70	32	30		bcz	cs		6

4—2509

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Variable breezes from southwest. Barometer rising.

L. C. Crone
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Liberty party aboard by 7:00 a.m. Muster at 7:00 a.m. No absentees Crew turned to at 7:05 a.m. 50 lbs. macaroni reccomended for survey by Doctor. Moderate to gentle breezes from southwest. Barometer rising

L. C. Crone
Ensign, USNRF 4 cec

8:00 a.m. to Meridian
Variable breezes from the southwest. Barometer rising. Breasted ship off of dock. Crew engaged in chiping out and re-newing deck and side planking, Making manrope, chiping, scrapingboats and davits. General work of outfitting.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Gentle breezes from the southwest. Barometer rising. Crew engaged in general work as before. Received hardware from the Palace Howe. Co. (as shown on attached list).

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Received from Schaffner Bros. 199 lbs/ beef, 76 lbs. sausages, for commissary. Knocked off work at 4:30 p.m. Liberty shoved off at 6:00 p.m. Light air and breezes from southwest. Barometer rising.

L. C. Crone
Ensign, USNRF 4 cec

6 :00 p.m. to 8:00 p.m.
Started raining at 6:05 p.m. Stopped at 6:30 p.m. Barometer rising. Light air from southwest. Liberty party ashore at 6:30 p.m.

E. L. Sarrine
Ensign, USNRF 4 ess

8:00 p.m. to Midnight
Light southwest to west breezes hauling and increasing to moderate breezes from northeast. Barometer rising.

L. C. Crone
Ensign, USNRF 4 cec

Approved:
L. R. Rueter
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Dawson
Lieutenant, USNRF-1 Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO 19 April 1918, 191

L.R. Rutter Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier Erie Pa.								NE	3	29.36	73	32	30		cz	as		8	
2									NE	3	29.41	75	31	29		cz	as		8	
3									NE	3	29.44	73	31	29		cz	as		9	
4									NE	3	29.45	77	30	28		cz	as		9	
5									NE	3	29.47	71	29	27		co	as		10	
6									NE	2	29.50	73	30	28		bc	as		8	
7									NE	2	29.54	74	32	27		co	as		10	
8									NE	4	29.60	74	30	28		co	cu		5	
9									NE	4	29.61	74	30	28		cbz	cu		7	
10									NE	4	29.61	74	30	28		cbz	cu		8	
11									N E	4	29.61	68	34	32		cb	cu		8	
12									NE	4	29.61	64	34	32		cb	cu		8	

P. M.																				
1	Municipal Pier, Erie Pa.								NE	4	29.61	70	32	30		cb	ciu		3	
2									NE	3	29.61	60	32	30		cb	cis		5	
3									NE	3	29.60	64	32	30		cb	as		6	
4									NE	3	29.57	64	34	32		cb	as		8	
5									ENE	3	29.58	70	34	32		c	scu		9	
6									ENE	3	29.57	72	34	32		c	cis		9	
7									NE	2	29.60	73	34	32		c	as		7	
8									NE	3	29.60	71	36	34		c	as		10	
9									NE	3	29.56	72	34	32		c	as		10	
10									NE	3	29.58	72	34	32		c	as		10	
11									NE	2	29.59	72	33	31		c	os		10	
12									NE	3	29.58	72	32	30		c	os		10	

a. m. Latitude ..... Longitude .....

Noon. Latitude ..... Longitude .....

p. m. Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex 19 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Barometer rising. Gentle Breezes from the northeast.

E S Barrows
Ensign, USNRF 4 ess

4:00 a.m.mto 8:00 a.m.
Liberty party aboard at 7:00 a.m. Muster at 7:00 a.m. No absentees Turned to at 7:05 a'm. Barometer rising. Gentle breeze to light breeze from the mnortheast.

E S Barrows
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Moderate breezes from the northeast. Barometer steady. Crew engaged in following work: Shearing ship away from dock, replanking ship's sides and docks, and recaulking same, scraping and chipping paint-work throughout ship. Received C&R stores of red and white lead and putty. Sent firing squad to Waterford, Pa. to attend funeral of J. D. Merritt, Private, U.S.A. who died at Fort Oglethorp, Ga. Commenced inventory of ship up to and including March 31, 1918.

E G Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Moderate breezez from the northeast. Barometer falling. Crew engaged in general work as on the morning watch. Rigged staging to paint stack. Redeived paint and electrical stores from Erie Hdwea Co.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 to 6:00 p.m.
Ship breasted back to dock at 4:30 p.m. Crew knocked off work at 4:30 p.m. 6000lbs. potatos received at 4:45 from Erie Produce Co/ Firing party returned at 5:45 Liberty party ashore at 6:00 p.m. Barometer fluctuating. Gentle breeze from northeast to ENE.

E S Barrows
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.
Liberty parties shoved off at 6:30 & 7:00 p. m. Light northeast breezes. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

8:00 pM to Midnight.
Gentle breezes frok northeast. Barometer fluctuating.

E S Barrows
Ensign, USNRF 4 ess

Approved:
L. A. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:
J M Dawson
Lieutenant, USNRF Navigator.

1

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa/ TO 20 April 1918, 191

L/ R. Rutter, Lieutenant Comdr. USNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie Pa.								NE	2	29.56	71	33	32		co	as		10	
2									NE	3	29.54	72	32	32		co	as		10	
3									E	3	29.51	72	32	32		co	as		10	
4									E	2	29.51	74	33	32		co	as		10	
5									ENE	2	29.52	75	34	32		c	scu		10	
6									NE	2	29.51	74	34	32		c	cu		10	
7									NE	1	29.50	76	34	32		c	cu		10	
8									ENE	1	29.50	76	35	33		c	cu		10	
9									ENE	1	29.49	75	35	33		c	cu		10	
10									ESE	1	29.47	72	48	44		c	cu		10	
11									SE	1	29.44	70	54	50		c	cu		10	
12									SE	1	29.44	70	50	48		c	cu		10	

a. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
p. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperatures:
Maximum 59
Minimum 58

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Municipal Pier, Erie Pa.								NE	2	29.38	70	42	40		co	cu		8	
2									NE	2	29.36	70	42	40		co	cu		8	
3									SE	2	29.35	70	42	40		co	cu		8	
4									SE	2	29.30	70	46	44		co	cu		8	
5									SE	1	29.30	71	54	52		co	acu		9	
6									SE	1	29.30	68	54	52		co	acu		9	
7									SE	1	29.28	67	53	51		co	acu		10	
8									SE	1	29.26	72	51	49		com	as		10	
9									SE	1	29.25	72	50	48		com	as		9	
10									SE	2	29.20	68	48	46		com	sn		10	
11									SE	4	29.17	70	50	48		co	sn		8	
12									SE	5	29.16	70	50	48		co	sn		8	

(This page to be sent to Bureau of Navigation monthly.)

4—2559

UNITED STATES SHIP Essex 20 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Light to gentle breezes from northeast and east. Barometer falling. Boiler "B" steaming for auxiliary purposes.

C. C. Crane
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Received from Schaffner Bros.: 231 lbs. beef, 108 lbs. pork loins, 53 lbs. beans, for commissary. Liberty party aboard by 7:00 a.m. Muster at 7:00 a.m. No absentees. Turned to at 7:05 a.m. east-northeast and northeast light airs and breezes. Barometer slowly falling.

C. C. Crane
Ensign, USNRF 4 cec

8:00 a.m. to Meridian
Light airs from east-northeast to southeast. Barometer steady. Crew engaged in general work of outfitting; replanking decks and ship's sides, scraping and burning paint on boats and davits. The following named men were transferred to the U.S.S. YANTIC inaccordance with Commanding Officer's letter dated April, 20th 1918: J. Melville Elc-g USNRF 4 and C.S. Redding, Elc-g, NNV Received 410 lbs. canvas from G.S.K., Great Lakes. F.A. Watkins, S2c USN reported aboard from Municipal Hospital of Erie, Pa.

C. S. Lewis
Ensign, USNRF 4 GS

Meridian, ro 4:00 p.m.
Landing force ashore forodrill practice at 1:00 p.m. Received from Schaffner Bros. 51 lbs/ beef liver for commisary. Carpenter's gang engaged innrepairing ship's side. Landing force returned aboard at 3:00 P.M. Received 400 lbs bread from Erie Baking Co. Canteen stores received aboard from Schaffner Bros. also 51 lbs. beef. Liberty party shoved off at 3:30 p.m.

C. S. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Light southeast airs. Barometer steady.

C. C. Crane
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.
Liberty parties shoved off at 6:00, 6:30 & 7:00 p.m. Light southeast airs. Barometer falling. Light mist at 7:40 p.m.

C. C. Crane
Ensign, USNRF 4 cec

8:00 p.m. to Midnight.
H.C. Swanson, Cpsmth 2c USN reported aboard at 11:30 p.m. with transfer papers from Great Lakes, Ills. Light airs increasing to fresh breezes from southeast. Barometer falling. Mist stopped at 11:25 p.m.

C. C. Crane
Ensign, USNRF 4 cec

Approved:
L. R. Lewis
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Dawson
Lieutenant, USNRF 1 Navigator.

4—2399

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. Erie Pa. TO 21 April 1918, 191

L.R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.	Municipal Pier Erie Pa.																			
1									SE	3	29.12	74	50	48		cb	acu		8	
2									SE	2	29.12	74	50	48		cb	acu		7	
3									SE	2	29.09	70	48	46		cb	cu		9	
4									S	2	29.05	70	48	46		cb	cu		10	
5									S	2	29.00	71	47	45		cbz	cis		8	
6									S	2	29.08	70	45	43		cd	n		9	
7									S	2	28.98	70	45	43		com	scu		10	
8									S	2	28.95	70	44	42		com	n		10	
9									S	2	28.94	68	47	45		bc	acu		9	
10									SW	2	28.90	67	51	50		co	acu		10	
11									SW	1	28.90	68	60	58		co	acu		10	
12									SW	1	28.96	70	60	58		co	acu		Lo	
P. M.																				
1	Municipal Pier, Erie Pa.								SW	2	28.90	72	49	47		cb	acu		9	
2									SW	2	28.89	74	49	47		oc	cun		10	
3									WSW	2	28.90	72	47	45		oc	cun		10	
4									WSW	2	28L89	70	46	44		oc	cun		10	
5									WSW	2	28.90	69	44	42		oc	as		10	
6									W	3	28.9L	70	42	40		oc	as		10	
7									W	3	28.92	70	42	42		oc	as		10	
8									W	2	28.92	74	42	42		oc	as		10	
9									W	2	28.93	73	46	42		oc	scu		10	
10									W	3	28.94	75	42	38		oc	nicu		10	
11									W	3	28.94	76	42	37		oc	nicu		10	
12									W	3	28.95	76	42	36		r	nicu		10	

8 a. m. Latitude
8 a. m. Longitude
Noon. Latitude
Noon. Longitude
8 p. m. Latitude
8 p. m. Longitude
Current: Set
Current: Drift

MAGAZINE TEMPERATURES:
Maximum 60
Minimum 58

Compass
S. H
Error
Variation
Deviation

Coal: Received
Coal: Expended
Coal: On hand

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 21 Arpil 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler "B" steaming for auxiliar y purposes. Gentle to light breeze from southeast. Barometer falling.

E.S. Sarvene
Ensign, USNRF 4 ess

4:00 a.m. to 8:00 a.m.
Started raining at 5:10 a.m. U.S.S. YANTIC cleared Public Dock, Erie, Pa. at 6:15 a.m. Stopped raining at 6:20. Light breezes from southeast to south. Barometer falling. Crew mustered at 7:00 a.m. No absentees. Crew turned to drying decks at 7:05 a.m.

E.S. Sarvene
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Light breezes to light air from souths to southwest. Barometer rising. Showers throughout watch Tested out main engines, steering gear and singled lines at 8:15 a.m. Cast off from Dock at 9:00 a.m. Secured along-side of Dock, Erie , Pa. at 9:30 a.m., port side to. Secured main engines at 9:35 a.m. Ship secured at 9:45 a.m. Church party left the ship at 10:30 a.m.

E.G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Light breezes from the southwest . Barometer fluctuating. Church party returned at L:00 p.m. Liberty party left at 1:15 p.m. Commenced raining at 2:08p.m. Intermittent showers through-out watch. U.S.S. SANDOVAL. stood up the bay. Visitors aboard.

E.G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Light breezes to gentle breezes from west southwest. Barometer rising. Visitors ashore. U.S.S. SANDOVAL anchored at 4:15 p.m. bearing Northeast by North, P.S.C.

E.G. Lewis
Ensign, USNRF 4 GS

6:00 p.m. to 8:00 p.m.
Gentle breezes to light breezes. Barometer rising.

E.G. Lewis
Ensign, USNRF 4 GS

8:00 p.m. to Midnight.
Barometer rising. Light breezes to gentle breeze from west. Raining.

E.S. Sarvene
Ensign, USNRF 4 ess

Approved:
L.R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:
J.M. Bowers
Lieutenant, USNRF-1
U. S. N., Navigator.

4—3599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 22 April 1918. 191

L.R.Rutter, Lirut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier Erie Pa.								W	3	28.95	74	39	37		r	ncu		10	
2									W	3	28.95	74	38	36		r	ncu		10	
3									W	3	28.95	72	38	36		or	ncu		10	
4									W	2	28.95	72	38	36		ro	ncu		10	
5									SW	2	28.95	75	39	37		ocd	ncu		10	
6									SW	2	28.95	75	40	38		ov	as		10	
7									SW	2	28.95	72	41	39		oc	as		10	
8									SW	2	28.95	70	41	39		oc	as		10	
9									SW	2	28.93	73	42	39		r	nis		10	
10									SW	2	28.93	72	42	39		r	nis		10	
11																				
12																				
P. M.																				
1	Muninoipal Pier? Erie Pa.								SW	2	28.95	71	43	42		co	scu		10	
2									S W	2	28.95	75	45	44		bc	cis		5	
3									SW	2	28.95	82	43	42		bc	cis		4	
4									SW	2	28.97	70	46	44		bc	cis		3	
5									SW	2	28.98	70	48	46		bc	as		7	
6									SW	2	29.00	70	50	52		bc	as		7	
7									SW	2	29.01	72	48	50		bc	cs		4	
8									SW	2	29.02	78	55	48		bc	ccu		6	
9									W	2	28.99	76	55	53		ac	cicu		5	
10									W	3	28.99	84	54	53		co	acu		8	
11									W	3	29.00	83	54	52		co	acu		9	
12									W	2	29.01	73	54	52		com	acu		9	

8 a. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

8 p. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum 59
Minimum 58

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received ____ Expended ____ On hand ____

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 22 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler "B" steaming for auxiliaar y purposes. Light drizzling rain. Gentle to light west breezes. Barometer steady.

C. C. Crane
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Stopped raining at 5:45 a.m. Liberty party aboard by 7:00 a.m. Muster at 7:00 a.m. NO absentees. Crew turned to at 7:05 a.m. Light breezes from southwest. Barometer steady.

C. C. Crane
Ensign, USNRF 4 cec

8:00 a.m. to Meridian
Light breezes from southwest. Barometer falling. Crew engaged in chipping away rotted planks on port side, and stowing stores received from Great Lakes. Commenced raining at 8:30 a.m. Stopped at 10:00 a.m. Received box of stores for U.S.S. YANTIC. Stowed same in after hold.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Light breezes from southwest. Barometer steady. Canteen stores received aboard. Received commissary stores from Schaffner Bros. Co. and Erie Produce Co. Crew engaged in chipping away rotted planks on ship's side.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Dr. Wodd, Assist. Surg. USNRF 4 attended Carl Edward Althof, F3c from Naval Operating base, Hampton Roads, Va. Loaned American Brake Shoe & Fdry. Co. four rifles for parade as per telephone agreement. Received from United Fruit Co/ 210 lbs. grape fruit for commissary. Redeived 250 ft. cable from STar Electric Co. for engineering dept. Crew knocked off work at 4:30 p.m. Light southwest breezes. Barometer steady.

C. C. Crane
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.
Light breezes from southwest. Barometer steady.

E. S. Barnes
Ensign, USNRF 4 ess

8:00 p.m. to Midnight.
H.C. Daniels, Y3c, NNV reported aboard at 8:20 p.m. with transfer papers from Great Lakes, Ill. Light and gentle southwest to west breezes. Barometer fluctuating.

C. C. Crane
Ensign, USNRF 4 cec

Approved:
L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Bowers
Lieutenant, USNRF 4 Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa/ TO 23 April 1918. 191

L.R.Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								W	2	29.03	73	50	49		cc	scu		10	
2									W	2	29.04	72	53	51		bc	ci		4	
3									W	2	29.04	71	50	49		bc	ci		7	
4									W	2	29.05	76	46	45		bc	cis		7	
5									W	1	29.06	76	50	48		ccz	cs		7	
6									W	1	29.09	76	50	48		ccz	cs		7	
7									SW	1	29.11	76	50	48		ccz	as		7	
8									SW	2	29.12	76	48	46		ccz	as		10	
9									SW	1	29.11	68	47	45		ccd	as		10	
10									SW	1	29.11	68	47	45		ccd	as		10	
11									SW	1	29.11	73	46	44		ccz	as		10	
12									S	1	29.11	72	48	45		cz	as		10	

Sa. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
Sp. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperatures:
Maximum 61
Minimum 59

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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P. M.																				
1	Municipal Pier, Erie, Pa.								SW	2	29.10	69	49	48		bcz	as		10	
2									SW	2	29.10	69	50	48		bc	as		7	
3									SW	2	29.10	74	51	49		bc	sc		6	
4									SW	2	29.10	72	52	50		bc	sc		6	
5									SW	2	29.05	70	52	50		bc	sc		7	
6									SW	2	29.00	70	55	52		bc	sc		8	
7									SW	2	29.00	70	54	53		bc	sc		8	
8									W	5	29.04	72	48	46		q	nc		10	
9									W	3	29.06	70	45	43		bcd	cun		8	
10									SW	2	29.14	70	41	39		bcd	cun		10	
11									W	3	29.17	76	40	38		b			0	
12									W	3	29.19	74	40	38		b			0	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex 24 April 1918.

REMARKS.

Commences and 4:00 a.m.
Boiler "B" steaming for auxiliary purposes. Light breezes from west. Barometer rising.

E.S. Sarvene
Ensign, USNRF 4 ess

4:00 a.m. to 8:00 a.m.
Liberty party aboard at 7:00 a.m. Crew mustered at 7:00 a.m. No absentees Crew engned to at 7:05 a.m. Light breezes to light air from west to southwest. Barometer rising.

E.S. Sarvene
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Light airs from the southwest. Barometer steady. Intermittent showers throughout watch. Crew engaged in replanking, chipping out rotted planks on ship's side, chipping and red-leading boat davits. Received C&R stores from Great Lakes, also 2 boxes for U.S.S.YANTIC, stowed in after hold. Received fourty sacks Portland Cement from O. C. Thayer, Erie Pa. U. S. S. Sandoval under way and stood out of harber at 10:20 a.m. Received commissary stores. U.S.S.SANDOVAL stood in and anchored at 11:15 a.m. bearing Northeast by North, P.S.C. Received from Scharfner Bros. 303 lbs. beef, 57lbs. liver, and 2 cases eggs.

E. G. Lewis
Ensignm USNRF 4 GS

Meridian to 4:00 p.m.
Lieut. Harris, USA, aboard at 12:00 p.m. to visit Captain. Armed detail shoved off at 1:30 p.m. to participate in Liberty Loan parade. Received from Erie Hdwe. Co. screws for Engineering Dept. Received from Erie Fdy. Co. 1047 lbs. grate bars. Received from Erie Baking Co. 300 lbs. bread for commissary. Carpenter's gang engaged in scraping and puttying ship's side. Knocked off work at 4:00 p.m. Light breezes from southwest. Barometer steady.

C. C. Crane
Ensign, USNRF 4 cec

4:00 p.m. to 6:00 p.m.
Parade detail returned aboard at 5:40 p.m. Received from U.S.S. WOLVERINE three doz. cans tomatos for commissary. Light southwest breezes. Barometer falling. Received following stores from Continental Rubber CO/ for Engineering Dept.:

2 25 ft. L. 1 1/2-4 ply Tribune Water Hose.
2 25 ft. L. 3/4"- 6 ply " Steam "
4 Sets couplings.
2 Sq. yds. 1/16" Continental red sheet packing.
1 " " 1/8" Vitalic White " "
8 Rubber valves.

C. C. Crane
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.
Light ai r to fresh breeze from southwest to south. Barometer steady.

E.S. Sarvene
Ensign, USNRF 4 ess

8:00 p.m. to Midnight.
Fresh breeze from west to southwest to west. Barometer rising. B.E. Weckerly, with orders to U.S.S YANTIC, from Great Lakes, reported at 10:05 p.m. Started raining at 8:10 p.m. Stopped at 9:15 p.m. U.S.S. SANDOVAL dragged anchor at 8:00 p.m. Rebertned at 8:15 p.m. Bearing on starboard beam.

E.S. Sarvene
Ensign, USNRF 4 ess

Approved: L. R. Rumer
Lieutenant Commander, NNv
Commanding Officer

Examined: J. M. Dawn
Lieutenant, USNRF-1 S. N., Navigator.

4—2098

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie/ Pa. TO 24 April 1918., 191

L.R. Rutter, Lieut. Comdr., NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie Pa.								W	4	29.20	69	40	36		oc	nicu		8	
2									W	4	29.22	70	39	35		oc	nicu		8	
3									W	4	29.25	70	34	32		oc	acu		8	
4									W	3	29.27	71	32	32		oc	acu		8	
5									W	3	29.28	71	32	30		bc	acu		9	
6									W	3	29.30	61	32	30		bc	acu		8	
7									W	2	29.32	70	33	31		bc	acu		7	
8									W	2	29.34	75	32	30		bc	acu		5	
9									W	2	29.36	75	32	30	31	bc	acu		5	
10									W	2	29.40	75	32	31		bc	acu		4	
11									W	2	29.45	76	34	32		bc	acu		5	
12									W	2	29.46	76	35	33		bc	acu		8	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended / On hand

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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P. M.																				
1	Municipal Pier, Erie, Pa.								W	2	29.46	78	35	33		bc	acu		7	
2									W	2	29.46	77	36	34		bc	acu		9	
3									W	1	29.46	76	36	34		c	acu		10	
4									W	1	29.47	75	35	33		c	as		10	
5									W	1	29.45	80	40	38		bc	cu		8	
6									W	1	29.45	75	45	43		bc	cu		8	
7									W	1	29.45	74	46	45		oc	cs		8	
8									W	1	29.47	75	44	42		bc	acu		5	
9									W	1	29.50	75	36	34		b				
10									W	1	29.50	75	36	34		bc	cis		4	
11									W	1	29.50	75	36	34		bc	cis		3	
12									W	1	29.50	75	36	34		bc	cis		3	

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex 24 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler "B" steaming for auxiliary purposes. Moderate to gentle west breezes. Barometer rising.

C. C. Crone
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Liberty party aboard by 7:00 a.m. Muster at 7:00 a.m. No absentees. Crew turned to at 7:05 a.m. Gentle and light breezes. Barometer rising.

C. C. Crone
Ensign, USNRF 4 cec

8:00 a.m. to Meridian
Light breezes from the west. Barometer rising. Crew engaged in chipping and renewing rotted side palnking, rigging stack staging. Received 5 bars ro steel for U.S.S. YANTIC. U.S.S. WOLVERINE under quarantine at 9:45 a.m. Received canteen stores and commissary stores. Weckler, B.C. S2c, NNV instructed to proceed to Cleveland Ohio, and report to U.S.S. YANTIC. The Doctor sprayed the throats of all hands.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Light breezes to light airs from the west. Barometer steady. Crew engaged in general work of outfitting replanking, etc., as before. Commissary stores received from Schaffner Bros. Co., Bread from Erie Baking Co/ and Canteen stores from F.F. Schultz. Geo. V. Massey, Sea 2c USN left on thirty days leave in accordance with Commandant's endorsement 85292 of April 22nd, 1918.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 8:00 p.m.
Crew knocked off work at 4:30 p.m. Armed detail of sixty-four shoved off at 5:20 p.m. to participate in "Liberty Loan" parade at Northeast , Pa. Light west airs . Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.
Light airs from west. Barometer rising.

E. J. Sarvis
Ensign, USNRF 4 ess

8:00 p.m. to Midnight
Parade detail returned aboard at 11:15 p.m. Light west breezes. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

Approved:
L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Dawson
Lieutenant, USNRF-1 U.S.N. Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO 25 April 1918. , 191

L.R.Rutter, Lieut. Comdr. NNV , *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								W	1	29.50	75	34	32		bc	s		2	
2									W	1	29.50	75	34	32		bc	s		2	
3									Calm	0	29.50	74	33	31		b	s		1	
4									"	0	29.50	80	32	30		b	s		1	
5									"	0	29.52	76	34	33		b	s			
6									"	0	29.53	82	35	34		bc	as		2	
7									"	0	29.55	81	36	35		bcz	as		3	
8									"	0	29.51	74	40	39		bcz	as		3	
9									NE	1	29.55	74	42	40		ccz	as		5	
10									NE	2	29.56	74	44	42		bcz	cs		5	
11									NE	2	29.56	74	44	42		bc	cs		7	
12									NE	2	29.55	74	44	42		bc	cs		6	
P. M.																				
1	Municipal Pier, Erie Pa.								NE	2	29.55	44	42			bc	cs		4	
2									NE	2	29.54	44	42			bc	cis		8	
3									NE	1	29.54	43	41			bc	cis		7	
4									ENE	2	29.47	44	42			bc	cis		8	
5									ENE	1	29.45	43	41			c	cis		9	
6									ENE	2	29/44	44	42			bc	cis		8	
7									ENE	2	29.42	43	41			bc	cis		8	
8									ENE	2	29.40	43	41			bc	cs		8	
9									ENE	2	29.50	42	40			bc	cs		8	
10									NEE	2	29.50	41	39			bc	cs		8	
11									ENE	2	29.45	40	38			bc	cis		8	
12									ENE	2	29.40	39	37			bc	cis		8	

b

Sun. { Latitude / Longitude

Noon. { Latitude / Longitude

Sun. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 60
Minimum 59

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
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(This page to be sent to Bureau of Navigation monthly.)

4—2569

UNITED STATES SHIP Essex 25 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Light air to calm. Barometer steady. Boiler"B" steaming for auxiliary purposes.

E S Sarvence
Ensign, USNRF 4 ess

4:00 a.m. to 8:00 a.m.
Liberty party aboard at 7:00 a.m. Muster at 7:00 a.m. No absentees. Crew turned to at 7:03 a.m. Calm. Barometer steady.

E S Sarvence
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Light airs to gentle breezes from east to northeast. Barometer fluctuating. Crew engaged in general work, replanking ship's side, painting masts, chipping and red leading, reeving boat falls. US.S. SANDOVAL underway and stood out of harbor at 8:25 a.m. U.S.S. SANDOVAL stood in 9:10 a.m. and moored alongside of Inner Basin Dock at 9:40 Light fire spread in Boiler "A" at 8:45 a.m. Cut in at 11:00 a.m. Captain held mast st 11:00 a.m. and awarded the following punishments:
Keefe, A.C. Sea NNV A.O.L. from church party 11 hrs. ten days restriction.
Davenport, J. MA3c USNRF 4; sleeping in wardroom, fifteen days restriction.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Gentle breezes from northeast. Barometer falling. Crew engaged as before.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Received supplies from Palace Hdwe. Co. for engineering dept. Crew working overtime on ship's side and installing coaling plates. Light east-northeast airs and breezes. Barometer steady. Large ore boat anchored off harbor entrance, apparently aground. Bearing from ship 74 degrees, P.S.C.

C. C. Crowl
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.
Boiler blown at 7:10 p.m. Light breezes from ENE. Barometer steady.c

E S Sarvence
Ensign, USNRF 4 ess

8:00 p.m. to Midnight
James Durfee, S2c, USN and Forest Emery Durfey S2c, USN reported for duty from Great Lakes at 10:45 p.m. with transfer papers. Light breeze from ENE. Barometer falling.

E S Sarvence
Ensign, USNRF 4 ess

Approved: L. R. Lewis
Lieutenant Commander, NNV
Commanding Officer

Examined: J. M. Dawson
Lieutenant, USNRF U-1 N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Erie Pa. TO 26 April 1918., 191

L.R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.	Municipal Pier, Erie, Pa.																			
1									E	2	29.40	72	44	42		bc	cis		8	
2									E	2	29.38	76	44	42		bc	cis		8	
3									E	3	29.37	74	46	44		bc	cis		5	
4									E	3	29.35	74	47	45		bc	cis		3	
5									E	2	29.37	74	47	45		c	cis		6	
6									ExS	1	29.36	70	46	44		c	ci		8	
7									E	1	29.35	71	46	44		c	ci		5	
8									E	1	29.35	71	48	46		c	ci		5	
9									E	1	29.35	72	52	50		c	ci		7	
10									E	1	29.35	72	52	52		c	as		8	
11									E	1	29.35	72	56	54		c	as		9	
12									E	1	29.35	72	58	56		c	as		10	

P. M.	Municipal Pier, Erie Pa.																			
1									NE	2	29.36	70	50	48		ocz	scu		8	
2									NE	2	29.36	70	48	46		ocz	scu		8	
3									NENE	2	29.36	70	48	46		ocz	scu		8	
4									NE	2	29.35	70	48	46		ocz	scu		8	
5											29.31	70	52	50		coz	as		9	
6									W	1	29.34	74	47	45		com	as		9	
7									W	1	29.35	72	45	43		com	as		10	
8									SE	1	29.36	72	42	40		com	as		10	
9									SE	1	29.38	75	53	51		cod	n		10	
10									SE	1	29.38	70	52	50		cod	n		10	
11									SE	1	29.39	72	50	48		cod	n		10	
12									SE	1	29.39	70	49	47		cod	n		10	

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 60
Minimum 58

Compass
S. H.
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP. Essex 26 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler "B" steaming for auxiliary purposes. Light and gentle east breezes. Barometer falling.

C. C. Crone
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Gentle breeze from east. Barometer fluctuating. Liberty party returned. Received 2000 lbs. ice from Mutual Ice Co. Erie Pa.

E. G. Lewis
Ensign, USNRF 4 GS

8:00 a.m. to Meridian
Light airs from east. Barometer steady. Crew engaged in general work, replanking, recaulking, etc., ship's side. Received Gas boat motor from Grace Machine Co. Received C&R stores from Great Lakes. Received 50 gal. gasolene from Penn. Oil Co. Medical Officer inspected and swabbed out the throats of the ship's company at 11:30 a.m. Received hardware from Schneider Hdwe. Co. Received following commissary stores from Schaffner Bros. Co.: 30 doz. eggs; 240# beef; 197# hamburger; 67# frankfurters; 91# pork sausage; 148# pork.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Gentle breeze from northeast. Barometer steady. Crew engaged in general work of outfitting. Received C&R stores from Schneider Hdwe. Co. 600 lbs. potatos from Erie Produce Co. were not accepted on delivery. Inferior grade.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Great Lakes tug, New York, docked at 4:20 p.m. Coaled and departed at 5:15p.m. Steamer City of Dover docked off port quarter at 4:30 p.m. Received 500 lbs bread from Erie Baking Co/ Received 2 bars iron fromSchneider Co. Turned over engines at 5:30 p.m. Crew knocked off at 5:00 p.m. Barometer fluctuating. Light breeze to light air from northeast to west.

E S Sarsens
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.
Engines secured at 6:05 p.m. Liberty parties shoved off at 6:00, 7:15 and 7:30 p.m. Started drizzling at 7:45 p.m. Light variable airs. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

8:00 p.m. to Midnight
Running signals and search-light tested. Drizzling. Light southeast airs. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

Approved:
L. A. Lutes
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Dowd
U.S.N. Navigator.
Lieutenant, USNRF-1

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa, TO 27 April 1918, 191

L.R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								SE	1	29.39	70	50	48		cor	n		10	
2									SE	1	29.39	70	50	48		cor	h		10	
3									SE	2	29.39	70	50	48		cor	n		8	
4									SE	2	29.39	70	48	46		cor	n		7	
5									S	1	29.39	78	53	51		com	acu		7	
6									S	1	29.39	81	50	48		com	acu		10	
7									S	1	29.40	79	51	49		cof	scu		10	
8									S	1	29.42	80	48	50		cof	acu		9	
9									SE	1	29.43	74	49	49		cor	n		10	
10									SE	1	29.43	74	55	53		cor	n		10	
11									SE	1	29.43	74	59	58		bc	cis		9	
12									SE	1	29.43	74	63	61		bc	acu		9	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Municipal Pier, Erie, Pa/								SSW	1	29.42	74	66	63		bc	acu		9	
2									SSW	1	29.42	74	65	65		bc	acu		9	
3									NE	1	29.42	72	60	60		bc	acu		9	
4									NE	1	29.40		57	55		bc	acu		9	
5									NE	1	29.38	70	57	55		bc	acu		8	
6									NE	1	29.36	73	56	54		bc	scu		8	
7									NE	1	29.34	71	55	53		bc	sdu		7	
8									NE	1	29.32	72	60	57		bc	scu		5	
9									NE	1	29.31	71	56	54		c	cis		5	
10									E	1	29.32	74	58	56		b	cis		5	
11									E	1	29.32	75	54	52		b	cis		3	
12									E	1	29.32	71	56	56		b	cis		3	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 27 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Baromteter steady. Light air to light breeze from southeast. Boiler "B" steaming for auxiliary purposes. Steamer still aground outside of break water.

E.S. Sarvent
Ensign, USNRF 4 ess

4:00 a.m. to 8:00 a.m.
Ore steamer still aground outside break-water. Liberty party aboard at 7:00 a.m. Crew mustered at 7:00 a.m. No absentees: Crew turned to at 7:05 on general work. Great Lakes tug New York left dock at 7:07 a.m. City of Dover left dock at 7:10 a.m. Barometer rising. Light air from south. Conrad Ewing, Swrt, USN , reported for duty at 7:15 from Great Lakes.

E.S. Sarvent
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Light air from southeast. Barometer steady. Intermittent showers throughout watch. Crew engaged in general work of outfitting, and replanking, caulking and chipping, etc. Received from Erie County Milk Co. 4 tubs butter and 235 lbs butter from Schaffner Bros. 575 1/2 lbs. beef, 133 lbs. hamburger, 329 lbs. pork loins, 109 lbs. hams, 113 1/2 lbs. bacon. Returned to Schaffner Bros. on account of rejection by the Officer of the Deck and the Medical Officer the following: 1 hind quarter beef, 200 lbs sausages 400 lbs. corned tongue. Tug Oswegatchie, NSE moored at Public Dock, 11:40 a.m. Medical Officer swabbed throats of crew. Shipped motor generator #4629 type open to Great Lakes, Ill.

E.G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Light air from south-southwest to northeast. Barometer steady. Crew engaged in general work. Put all boats in the water. Testing out motor boat. Received from Underwood Typewriter Co. two typewriters as follows: #1080245 and 1080019. Received from Jacob Heller 600 lbs. coffee, 200 lbs. oat meal 100 lbs prunes, 100 lbs. cocoa; from John Scarlett Co. 500 lbs. sugar, 5 cases pears, 5 cases corn. Received from Schaffner Bros. 80 lbs. beef liver P&E Coal Co's lighter Toledo alongside at 2:40 p.m. Commenced coaling ship at 2:50 p.m. Draft aft, 15' Draft forward 11' 11". Finished coaling at 3:20 p.m. Took on 71 tons and 1800 lbs / mine run coal. Draft aft 15' 3" Draft forward 12' 2". Lighter shoved off at 3:25 p.m. Received from Schaffner Bros. 415 lbs. corn beef, 102 lbs. frankfurters and 1000 lbs. bread from Erie Baking Co.

E.G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Received from Erie Window Glass Co. 33 pieces glass. All coal in bunkers at 4:50 p.m. Secured whaleboat and cutter in slip at 4:40 p.m. Adriatic, S.S. Co. left harbor at 5:25 p.m. U.S.E. tug Oswegatchie moored at west side of dock at 5:30 p.m. Light northeast airs. Barometer falling.

C.C. Crone
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.
Received from Erie Produce Co. 500 lbs. potatos, 300 lbs. cabbage 200 lbs. carrots, 200 lbs. turnips, 150 lbs. apples, 300 lbs. onions. Secured motor boat and whaleboat in slip. Ship still aground outside harbor. Barometer falling. Light air from northeast.

E.S. Sarvent
Ensign, USNRF 4 ess

8:00 p. m. to Midnight.
Received three doz. wall brushes from Schneider Hdwe. Co. Five seamen reported for duty on the U.S.S. WOLVERINE. Barometer steady. Light air from northeast to east.

E.S. Sarvent
Ensign, USNRF 4 ess

Approved:
L.R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:
J.M. Dawson
Lieutenant, USNRF 4 N., Navigator.

4—2306

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO 28 April 1918., 191

L.R.Rutter Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1	Municipal Pier, Erie Pa.c								E	1	29.30	72	56	54		bc	as		9	
2									E	1	29.29	70	55	53		bc	as		9	
3									SE	2	29.26	70	54	52		bc	as		9	
4									SE	2	29.26	72	54	52		bc	as		9	
5									S	3	29.26	76	54	52		bc	as		8	
6									S	2	29.26	74	54	52		bc	as		5	
7									S	2	29.25	76	54	52		bc	as		5	
8									S	2	29.25	74	54	52		bc	as		8	
9									S	2	29.23	72	58	56		bc	cis		10	
10									S	2	29.22	78	64	62		bc	cis		10	
11									SE	2	29.22	78	67	65		bc	cis		10	
12									SE	2	29.16	80	61	57		bc	cis		10	

Sa. M. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. M. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum 60

Minimum 60

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
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6		
7		
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9		

P. M.																				
1	Municipal Pier Erie Pa.								SE	2	29.13	80	76	74		bcs	cis		5	
2									SE	2	29.12	78	76	75		bcs	cis		9	
3									SE	2	29.08	78	77	76		co	as		10	
4									SE	2	29.06	74	72	76		co	as		10	
5									SE	4	29.05	74	72	74		bc	as		8	
6									S	4	29.00	72	70	68		bc	as		8	
7									S	2	28.96	76	72	70		cz	scu		9	
8									S	2	28.97	75	68	66		cz	scu		10	
9									S	2	28.97	75	68	66		c	acu		10	
10									W	3	28.99	75	66	64		c	acu		10	
11									S	2	29.05	72	58	56		cod	n		10	
12									S	2	29.05	73	58	56		cod	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 28 April 1918

REMARKS.

Commences and until 4:00 a.m.
J.F. Peck, CMM left at 12:06a.m. on ten days leave of absence. by order of captain
Boiler "B" steaming for auxiliarty purposes. Light east airs shifting to light southeast breezes. Barometer falling.

C. C. Crone
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Liberty party returned at 7:00 a.m. Freighter Wm. A. Rogers of Fairport left harbor at 6:57 a.m. Muster at 7:00 a.m. No absentees. Crew turned to at 7:05 a.m. to paint ship's sides. Gentle to light south breezes. Barometer steady.

C. C. Crone
Ensign, USNRF, 4 cec

8:00 a.m. to Meridian
Gentle breezes from the south. Barometer falling. Commenced painting ship at 7:30 a.m. Finished at 10:00 a.m. Church party ashore at 10:00 a.m. Liberty party ashore at 10:30 a.m. U.S.S. WOLVERINE lifted quarantine at 10:20 a.m. Southwest stormsignal flying from Public Dock.

E. G. Lewis
Ensign, USNRF 4GS

Meridian to 4:00 p.m.
Gentle breezes from the southeast. Barometer falling. Visitors aboard. Keefe, A.C. SEA NNV reported absent at 12:30 p.m. Searched ship was not found. Lighter alongside grounded freighter at 12:05 p.m. Tug T.C. Lutz moored at Public Dock at 2:00 p.m. Left 2:35 p.m. Coal barge Toledo passed astern at 2:30 p.m.

E. S. Sarvent
Ensign, USNRF 4 ess

4:00 p.m. to 6:00 p.m.
Light breezes from the southeast. Barometer falling. Lieut. Comdr. Fisher aboard at 5:40 p.m. Visitors ashore at 5:00 p.m.

E. S. Sarvent
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.
Freighter, assisted by tug broke free from sand shoal and anchored close by at 6:30 p/m. Light southeast breezes. Barometer falling.

C. C. Crone
Ensign, USNRF 4 cec

8:00 p.m. to Midnight.
T.F. Newman, towed by tug and moored on west side of dock at 9:50 p.m. Keefe, A.C. Sea, NNV reported aboard at 10;40 p.m. after being ashore without permission. Light south breezes shifting suddenly to gentle west breezes and back to south again. Barometer rising.

C. C. Crone
Ensign, USNRF 4 cec

Approved:
L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Powers
Lieutenant, USNRF-1 U.S.N. Navigator.

4—2099

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa. TO 29 April 1918, 191

L.R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hours	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Municipal Pier, Erie, Pa.								S	3	29.05	71	57	55		cod	acu		7	
2									W	3	29.09	71	55	53		cq	acu		10	
3									W	3	29.11	75	50	48		cm	as		10	
4									W	3	29.11	75	50	46		cm	as		10	
5									SW	2	29.14	75	52	50		co	as		8	
6									SW	1	29.14	75	50	48		co	scu		6	
7									S	1	29.13	74	48	46		co	cs		5	
8									S	1	29.10	74	48	46		co	cs		7	
9									SW	2	29.07	72	55	54		bc	cis		5	
10									SW	2	29.07	71	56	55		bc	cis		4	
11									SW	2	29.04	72	58	56		bc	cis		4	
12									SW	2	29.04	72	62	60		bc	cis		4	

P. M.																				
1	Municipal Pier, Erie, Pa.								SW	2	29.00	76	65	63		bc	cis		3	
2									SW	3	28.99	74	68	66		bcz	ci		3	
3									SW	3	28.98	73	70	68		bcz	cis		4	
4									SW	4	28.94	72	70	68		bcz	acu		4	
5									SW	4	28.92	70	72	68		bcz	acu		5	
6									SW	4	28.90	70	74	69		bcz	acu		6	
7									SW	3	28.88	71	74	72		bcz	acu		5	
8									W	3	28.93	54	71	69		cou	scu		9	
9									W	3	28.99	52	69	72		com	scu		6	
10									W	2	29.02	52	69	67		com	cun		8	
11									W	1	29.03	51	68	67		com	cun		8	
12									W	1	29.03	50	70	66		b				

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex 29 April 1918.

REMARKS.

Commences and until 4:00 a.m.
Gentle breezes from the south to west. Barometer rising? Stopped raining at 2:00 a.m. Steam in Boiler"B" for auxiliary purposes.

C. G. Lewis
Ensign, USNRF 4 GS

4:00 a.m. to 8:00 a.m.
Gentle breezes to light air from the southwest to south. Barometer steady. Liberty party returned. Crew turned to at stowing gear aboard and straightening up dock in general. Quarters for muster at 7:00 a.m. No absentees.

C. G. Lewis
Ensign, USNRF 4 GS

8:00 a.m. to Meridian.
Light to gentle airs from the south to southwest. Barometer falling. Crew engaged in general work, painting ship, stowing stores, preparing ship for sea. U.S.S. WOLVERINE left dock and stood out of harbor at 9:10 a.m. Received canreen stores from F.S. Schultz Co. and C.B. Waenchell Co.

C. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Light breezes to moderate breezes from southwest. Barometer falling Redeived stores from Great Lakes via American Express, also one box for U.S.S. WOLVERINE in bad condition. Contents as follows: 24 1/2" unions 24 3/4" unions/ 2 two-fold 8"blocks; 2 single fold 8" blocks; stowed in afterh hold. South west storm signal hoisted on Public dock. Put out and tested a Franklin life buoy and found in good condition.

C. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Tug Noohville tiediup to dock off stern at 4:25 p.m. Barometer falling. Received from Scholle Bros. Co. one piece glass. Received from Rheinhold Drug Co/, cnateen storess Received from Erie Produce Co. 600 lbs potatos. Moderate southwest breezes.

C. C. Crone
Ensign, USNRF 4 cec

6:00 p.m. to 8:00 p.m.

Steamer J.E. Upson heading out at 6:15 p.m. Steamer Carmine B. Thompson heading out at 7:00 p.m. Steamer Aztec moored at Public Dock at 7:50 p.m. Barometer rising. moderate southwest breezes.

E S Sarvisne
Ensign, pUSNRF 4 ess

8:00 p.m. to Midnight.
Steamer C.H. Green heading out. Gentle breeze to light brezes from west. Barometer rising. Freighter stood in with tow and anchored same in fairing at 8:40 p.m. bearing north 17 degrees east, P.S.C.

E S Sarvisne
Ensign, USNRF 4 ess

Approved: L. A. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined: J. M. Dawson
Lieutenant, USNRF-1
U. S. N., Navigator.

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4—9500

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie Pa/ TO 3e April 1918. 191

L. R. Rutter Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M. 1	At Municipal Pier, Erie Pa.								SW	1	29.05	64	48	46		bc	as		5	
2									SW	1	29.05	66	48	48		bc	as		5	
3									SW	1	29.05	64	49	47		bc	as		8	
4									SW	1	29.05	68	50	48		bc	as		8	
5									SW	1	29.05	68	48	48		bc	as		8	
6									SW	1	29.08	72	48	46		bc	as		8	
7									SW	1	29.12	72	49	47		bc	as		8	
8									SW	1	29.14	72	49	47		oc	sc		10	
9									SW	1	29.14	70	50	48		oc	as		10	
10									SW	1	29.14	69	48	46		oc	as		10	
11									SW	1	29.14	69	49	47		ocz	as		10	
12									SW	1	29.14	70	49	47		ocz	as		10	

s. a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

s. p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Municipal Pier, Erie Pa.								SW	1	29.17	76	47	46		co	as		10	
2									SW	1	29.18	76	46	45		co	as		10	
3									SW	1	29.19	81	46	44		co	as		10	
4									SW	1	29.21	83	49	48		bc	cis		8	
5									SWXW	1	29.21	79	50	48		bc	cis		8	
6									SWXW	1	29.21	79	53	51		bc	scu		9	
7									SWXW	1	29.18	74	51	49		bc	scu		8	
8									SWXW	1	29.16	69	52	50		c	acu		9	
9									SW	1	29.16	70	54	52		oc	acu		6	
10									SW	1	29.16	70	52	50		oc	acu		7	
11									SW	1	29.16	70	50	48		com	as		10	
12									SW	1	29.17	70	48	46		co	as		8	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 30 April 1918.

REMARKS.

Commencing and until 4:00 a.m.
Boiler "A" steaming for auxiliary purposes. Light southwest airs. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Tug Nooville shoved off from dock at 5:25 p.m. Liberty party aboard. Mustered at 7:00 a.m. No absentees. Crew turned to at 7:05 a.m. policing dock and general work. Light southwest airs. Barometer rising.

C. C. Crone
Ensign, USNRF 4 cec

8:00 a.m. to Midnight.
Light airs from southwest. Barometer steady. Crew engaged in general work preparatory to securing everything for sea. Freighter Wm. R. Linn aground at 11:20 Bearing 0% Hoisted aboard two shots of Beaver chain.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Light air from southwest. Barometer rising. Crew engaged in straightening up dock, and stowing gear in warehouse. Freighter Wm. R. Linn under way at 12:35 p.m. and stood out of harbor. Hoisted cutter and whaleboat. Received canteen stores from F.S. Schultz Co.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 6:00 p.m.
Sailing vessel ldft dock in tow of tug. Bos 50 cigars received from S.D. Ostro for canteen at 4:35 Received from Erie Hdwe. Co. at 5:50 P.M. 98 ft. 36" copper wire screen, 45 ft. 24" wire screen. 4 valves, globe. Crew finished cleaning up dock and knocked off at 4:30 p.m. Light air from southwest and southwest by south. Barometer steady.

E. S. Sarvine
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.
Holter, F.B., MM2c granted 5 days leave of absence with three days travel time commencing at 8:00 p.m. 30 Arpil 1918, by order of the Captain. Liberty parties shoved off at 6:00 6:45 and 7:00 p.m. Light southwest by west airs. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

8:00 p.m. to Midnight.

Liberty party aboard by 11:00 p.m. Calm and light airs from southwest. Barometer steady.

C. C. Crone
Ensign, USNRF 4 cec

Approved:
L. R. Ruter
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Powell
Lieutenant, USNRF 1 Navigator.

6—2019

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., 191

....., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

(This page to be sent to Bureau of Navigation monthly.)

4—2500

JUL 19 1918

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. ESSEX

Rate,

COMMANDED BY

L.R. Rutter, Lieutenant Commander, NNV, U. S. Navy,

Attached to Division, Squadron, Great Lakes, Fleet,

Commencing 1 May, 1918,

at Erie, Penna.,

and ending 31 May, 1918,

at So. Manitou Isle, Michigan.

1915.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LOG BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by L. R. Rutter, Lieut. Comdr. NNV, U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 May, 1918, to 31 May, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
L. R. Rutter	Lieut. Comdr.	3-17-18		
J. M. Bower	Lieut.	3-16-18		
E.G. Lewis	Ensign	3-14-18		
G. L. Holsinger	Lieut (jg)	5-22-18		
E. S. Sarvene	Ensign,	4-2-18		
C. E. Crone	Ensign	4-2-18		
J. S. Newberry	Ensign	5-15-18		
E. R. Samders	Ensign	3-20-18		
J.F. Peck	Ensign	5-10-18		
G. W. Wood	P. A. Surgeon	3-22-18		
R. E. Wright	Asst. Paymaster	4-14-18		
J.P. Krause	Carpenter (T)	10-15-17		

Examined and found to be correct.

L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

J. M. Bower
Lieutenant, USNRF-Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. _____, commanded by _____, U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from _____, 191 , to _____, 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

TABLES OF DEVIATION OF THE STANDARD COMPASS No. _____ ON BOARD THE U. S. S. _____

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	H.J. Green Brooklyn, N.Y.	1574	Cabin			unknown
ANEROID BAROMETER.	G. Falconer & Co., Hong Kong, China	none	Chart House			
THERMOMETER (Dry Bulb).	none					
THERMOMETER (Wet Bulb). (Psychrometer.)	none					

Examined and found to be correct.

L. R. Reuter
Lieutenant Commander, NNV
Commanding Officer

J. M. Powers
Lieutenant, USNRF- 1 *Navigator.*

4—2590

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

	None				
	None				
	None	None			

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, 1st to 31st May, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	1
3	Boatswain's Mates, first class	2
2	Boatswain's Mates, second class	4
6	Coxswains	6
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	2
	Gunner's Mates, second class	
2	Gunner's Mates, third class	
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	
1	Chief Quartermaster (Signals)	2
2	Quartermaster, first class	1
2	Quartermaster, second class	4
2	Quartermaster, third class	7
50	Seamen	35
75	Ordinary Seamen	
	Apprentice Seamen	65
148	Total	
	ARTIFICER BRANCH.	
1	Chief Electrician	1
1	Electricians, first class	1
1	Electricians, second class	3
2	Electricians, third class	1
1	Chief Electrician (Radio)	
1	Electricians, first class (Radio)	
1	Electricians, second class (Radio)	3
1	Electricians, third class (Radio)	1
1	Chief Carpenter's Mate	1
	Carpenter's Mates, first class	2
1	Carpenter's Mates, second class	
1	Carpenter's Mates, third class	2
1	Shipwrights	2
	Shipfitters, first class	1
	Shipfitters, second class	
1	Blacksmiths	1
1	Plumbers and Fitters	
	Sailmaker's Mates	
	Printers	
	Painters, first class	
	Painters, second class	
	Painters, third class	1
	Total	
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	3
3	Machinist's Mates, first class	4
3	Machinist's Mates, second class	
1	Chief Water Tenders	
2	Water Tenders	3
1	Boiler Maker	1
	Blacksmiths	2
1	Coppersmiths	2
3	Oilers	3
6	Firemen, first class	7
6	Firemen, second class	5
6	Coal Passers	7
	Total	
	SPECIAL BRANCH.	
4	Chief Yeoman—Commanding Officer	
	Chief Yeoman—Equipment Department	
	Chief Yeoman—Pay Department	1
	Chief Yeoman—Engineer Department	
	Chief Yeoman—Executive Officer	
5	Yeoman, first class—Commanding Officer	
	Yeoman, first class—Equipment Department	
	Yeoman, first class—Executive Officer	2
	Yeoman, first class—Pay Department	
	Yeoman, first class—Engineer Department	
	Yeoman, first class—Ship's Store	
2	Yeoman, second class—Commanding Officer	
	Yeoman, second class—Ordnance Officer	3
	Yeoman, second class—Executive Officer	
	Yeoman, second class—Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—ctd.—Pay Department	
	Yeoman, second class—ctd.—Engineer Department	
	Yeoman, second class—ctd.—Ship's Store	
	Yeoman, third class—Commanding Officer	
	Yeoman, third class—Equipment Department	
	Yeoman, third class—Pay Department	2
	Yeoman, third class—Ship's Store	
	Yeoman, third class—Engineer Department	
	Yeoman, third class—Navigator	
	Yeoman, third class—Executive Officer	
	Hospital Stewards CPM	
2	Hospital Apprentices, first class	2
	Hospital Apprentices 2nd class	
	Buglers	1
1	[illegible] PM3c	2
1	[illegible] C. Stkpr.	
2	[illegible] 1st class	
2	[illegible] 2nd class	1
	Total	
	COMMISSARY BRANCH.	
	Chief Commissary Steward	
	Commissary Steward	1
1	Ship's Cooks, first class	1
1	Ship's Cooks, second class	2
1	Ship's Cooks, third class	
2	Ship's Cooks, fourth class	3
1	Bakers, first class	1
	Bakers, second class	
	Total	
	MESSMEN BRANCH.	
1	Cabin Steward	1
1	Cabin Cook	2
1	Mess Attendant	1
1	Wardroom Steward	
1	Wardroom Cook	1
4	Mess Attendants	2
1	Mess Attendants (Laundry)	1
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total	
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendants	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

4—2599

Examined and found to be correct.

L. R. Reuter

J. M. Down

Lieutenant, USNRF 1

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ESSEX

MAIN BATTERY.

GUNS. No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.	Remarks.	SHIP AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	Remarks.
4	3 pdr.	50	X	X		6		IX	
2	3 pdr.	50	X	X Mod. I					

SECONDARY BATTERY.

GUNS. No.	Cal.	Mark and Modifications.	Remarks.	SHIP, BOAT, AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	Remarks.

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	Remarks.
40	Spr.	30		1903	
50	Krag	30		1898	
4	Colt	38 pistols.			

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

L. B. Porter
Lieutenant Commander, NNV
Commanding Officer.

J. M. Power
Lieutenant, USNRF-1 Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

UNITED STATES SHIP .....

REMARKS.

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Erie, Pa. TO Cleveland, Onio, 1 May, 1918

L.R. RUTTER, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	2	29.18	69	45	44		co	as		10	
2									SW	2	29.18	67	46	45		co	as		10	
3									SW	2	29.18	70	45	43		bc	as		8	
4									N	2	29.21	78	47	41		bc	as		8	
5									N	2	29.24	74	39	37		com	as		10	
6									N	1	29.25	73	43	41		com	as		10	
7									NW	1	29.32	81	40	38		com	scu		10	
8									NW	1	29.37	79	39	37		com	as		10	
9	8	75	4	1/4	94		4697	2490	SW	3	29.33	78	40	38		com	as		8	
10	8	75	13		92	03	10215	2490	SW	4	29.37	78	40	38		com	as		8	
11	7	25	21	1/4	90	05		2490	SW	3	29.36	78	40	38		co	as		8	
12	9	00	30	1/4	88	2	20395		SW	3	29.35	78	40	38		co	as		7	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 63
Minimum 62

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1	7	75	38	0	82	0	36232	260°	SW	3	2945	75	40	39		B	Cis		1	c
2	8	4	46	4	94	4	31897	255°	WSW	3	29.49	75	41	40		BC	Cis		5	c
3	9	0	55	1	100	1	37765	255°	WSW	3	29.50	70	46	44		BC	Cis		5	c
4	9	9	65	3	96	9	43584	237°	WSW	3	29.52	74	44	43		BC	Cis		5	c
5	8	3	72	6	99	0	49524	237°	WSW	3	29.56	78	45	43		BC	Cis		5	
6	9	8	83	4	103	8	55750	237°	SW	3	29.58	76	45	44		BC	Cis		4	
7		Anchored at Cleveland							SW	2	29.58	74	47	45		BC	AS		4	
8		"					"		SW	2	29.58	76	48	46		BC	AS		5	
9		"					"		SW	2	29.58	76	49	47		BC	AS		6	
10		"					"		SW	1	29.58	76	49	47		BC	AS		6	
11		"					"		SW	1	29.58	78	49	47		BC	AS		6	
12		"					"		SW											

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 1 May 1918

REMARKS.

Commencing and until 4 a.m.
2.30 Steamer showing towing lights but without tow head in harbor, moored at 2.50 a.m., 2 pts for'd of port beam. Barometer rising. Light breezes from SW to W. A boiler steaming for auxiliary purposes.

Ensign USNRF-4 ess

4.00 a.m. to 8.00 a.m.
Started to rain at 4.30 a.m. Stopped at 4.55 a.m. Crew mustered at 7.00 a.m. No absentees. Crew turned to at 7.03 a.m. Boiler started to steam at 5.45, let is off at 4.15. Connected at 6.05. Started dynamo at 7.00. Started to rain at 7.00. Light breezes to light airs from N to NW. Barometer rising. Barret, M.J Flc and Houle, R. s2c, of the U.S.S. YANTIC reported aboard this vessell from Hamot Hospital, Erie, Pa.

Ensign USNRF-4 ess

8.00 a.m. to meridian.
Light airs to gentle breezes from southwest. Barometer falling. Cast off from public dock, stood out of harbor at 8.03. Captain conning. Draft forward 12ft. 6"; aft 15ft. 6". Put out P.L. reading 0 at 8:28. C. 60 degrees P.S.C. C.C. at 8:30 a.m. to 304 degrees P.S.C. P.L. reading 3/4 C.C. at 8:51 to 249 degrees P.S.C. P.L. reading 3 1/4. Presque Isle. light bearing 159 degrees at 9:02 a.m. P.L. reading 4 3/4 Knots. Distance off 1 mile C.C. at 11.19 a.m. to 260° p.s.c. Conneaut lightbearing 230° p.s.c. at 11.21. P.L.R. 23-3/4. bearing 201° when abeam at 11.35. P.L.R. 27. Average revolutions 91.2. Average steam 188.5 for watch. Miles made good 34.5 for watch. Sent Radio Message "Commandant 9 10 11 Naval District Great Lakes Ill Essex departed Erie, Pa 8.00 a.m. wednesday for Cleveland 08601 Essex"

Ensign USNRF-4 GS egl

Meridian to 4.00 p.m.
Barometer rising. Gentle breeze from SW to WSW. 12.53 took 26-1/2° bearing on Astubula light. P.L.R. 37 knots. At 1.00 took 45° bearing on same light P.L.reading 38.7 knots. out from light 1.9 miles Changed course at 1.30 pm from 260° to 255° p.s.c. Pat. log reading 43.4. Pat log reading at 1.00 38 knots. Pat log reading at 2.00 46.4. Pat log reading at 3.00 55.4 Took bearing at crib at entrance to Fairport at 3.36 p.m. distance from crib 2 miles when abeam. Changed course to 237° p.s.c. at 4.00. Pat log reading 65.3 knots. Average revolutions 93. Average steam 182 for watch. Miles made good 40.

Ensign USNRF-4 ess

4.00 p.m. to 6.00 p.m.
Course 237° p.s.c. Pat log 73.6 knots at 5.00 p.m. Suns azimuth at 5.40p.m. 272° p.s.c. Deviation 11°13' W. Course 237° pat log 83.4 knots at 6.00 p.m. Average revolutions 100.3 Average steam 180 for watch, miles made good 20.8. Gentle west southwest to west breezes. Barometer rising.

Ensign USNRF-4 cec

6.00 p.m. to 8.00 p.m.
Course 237° psc. took in pat log reading 83.4 at 6.00 p.m. Steering various courses, captain conning at 6.10 anchored in 3 3/4 fathom water, Cleveland, Ohio with starboard anchor 22 fathom at hawsepipe bearing on East Breakwater Light 276°. East Breakwater Entrance 57°. Government Dock 257° 700 ft off. Set clocks back one hour at 7:00 p.m. Sent arrival message as follows; via radio: Commandant 9th, 10th & 11th Naval Districts Great Lakes, Illinois. U.S.S. ESSEX arrived Cleveland six p.m. "ednesday 18001- ESSEX "Draft aft 15 ft. 6", forward 12 ft. 6" Light breeze from southwest. Barometer steady .

Ensign, USNRF 4 GS

8:00 p.m. to Midnigh.
Tug towing passenger steamer City of Buffalo headed out of harbor at 8:00 p.m. Bearing on two known lights taken for protection from drifting. Ship bears on lights 179° and 115°. Hoisted and secured gig. Boom and gangway for sea at 8:30 also made inspection for gear adrift. Passenger stmr. headed out at 10:50. All lights inspected 8:15. Bearing 245° 8:30 .

Ensign, USNRF 4 ess

Approved:

Lieutenant Commander, NNV
Commanding Officer

Examined:

Lieutenant, USNRF-1 U.S.N. Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page 1

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Cleveland, Ohio TO Detroit, Mich. 2 May 1918

L.R. R utter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	4	7	4	7	87	7	63992	300°	SW	2	29.59	66	46	44		b				
2	7	9	12	6	87		89212	300°	SW	3	29.54	56	46	44		b				
3	8	1	20	7	88		74487	300°	SW	3	29.51	54	44	42		b				
4	7	9	28	6	87		79687	294°	SW	3	29.50	52	44	42		b				
5	7	7	36	3	86		84850	270°	SW	3	29.57	58	46	44		bc	cis		2	
6	8	5	44	8	89		90205	287°	SW	4	29.56	70	46	44		bc	cis		3	
7	7	9	52	7	91	5	95695	283°	SW	4	29.57	76	44	42		bc	cis		4	
8	8	0	60	7	92	2	101228	285°	SW	3	29.57	77	43	42		bc	cis		4	
9	7	9	68	6	90	8	106670	355°	SW	3	29.58	75	44	42		bc	cis		8	
10					91	9	112193		SW	3	29.51	68	51	49		bc	ci		7	
11					92	7	117760		W	3	29.48	70	55	53		bc	cis		4	
12									W	3	29.48	68	55	53		bc	cis		3	
P. M.																				
1	Anchored at G.L. Eng.Wks.								W	5	29.42	70	60	57		bc	as		4	
2									W	4	29.43	72	66	64		bc	as		6	
3									W	4	29.42	72	66	64		bc	ac		8	
4									W	4	29.42	72	68	66		bc	ac		7	
5									W	4	29.40	76	70	68		bc	ac		5	
6									W	3	29.39	78	70	68		bc	as		5	
7									W	2	29.39	80	68	66		bc	as		2	
8									W	1	29.39	86	64	62		bc	scu		2	
9									W	1	29.39	72	62	60		bc	acu		1	
10									W	1	29.39	72	59	57		bc	acu		1	
11									W		29.40	69	58	56		bc	cis		2	
12									W		29.39	69	58	56		bc	cis		2	

Sa. m. { Latitude / Longitude

Noon { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Sgt. / Drift

Magazine Temperatures:
Maximum 64
Minimum 63

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 43200 / On hand 91600

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
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9		

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex 2 May 1918

REMARKS.

Commences and until 4.00 a.m.
Weighed anchor and got under way at 12.02 a.m. C.C. 300° P.L.R. 1.1 k. at 12:32 a.m. C.C. 300° P.L.R. 4.7 k. at 1:00 Course 300° P.L.R. 12.6 K. at 2:00 a.m. Grain W. Pier light abeam at 2:42. Bearing 210° P.S.C. P.L.R. 18.2K/ C.C. 300° P.LR. 20.7 K. at 3:00 a.m. Passed passenger on port beam at 3:35 a.m. Piles Passage light visible at 3:37, bearing 293° P.S.C. P.L.R. 25.8 K. Changed course to 294° at 3:56 P.L.R. 28 knots. C.C. 294°, P.L.R. 28.6 K. at 4:00 a.m. Average steam pressure 191 lbs. average revolutions 87.4 for watch. Miles made good 32.9. Light and gentle southwest breezes. Barometer falling.

C. C. Crane Jr
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Gentle to moderate breezes from southwest. Barometer rising. Course 294° P.S.C. Southeast shoal light bearing dead ahead at 4:20 a.m. Half speed at 4:30 Sounding 1/4 less 8. Full speed ahead at 4:35 South east shoal abeam abeam at 5:00 a.m. C.C. at 5:02 to 300° P.L.R. 36.3 Pillee Isle light abeam at 5:44 C.C. to 287o P.S.C. P.L.R. 42.5. Sighted Colchester dead ahead at 6:20 C.C. to 285° P.L.R. 48.2. C.C. at 6:57 to 283° psc. P.L.R. 51.7. Colchester abeam at 7:30 a.m. p.l.r 56.8 C.C. to 285° p.S.C. Wreck of Henry D. OuaD, steamer abeam at 8:00 a.m. P.L.R. 60.7 average steam for watch 191.2 Average revolutions for watch 89.7 Miles made good 35.9

E. Y. Lewis
Ensign, USNRF 4 GS

8:00 a.m. to Meridian
Course 285 psc. Picked up Detroit River light at 8:10 entered channel at 8:42 and sailed varoious courses which were marked by channel buoys. Passed Detroit River light abeam at 9:03 P.L.R. 68.6 at 9:00 Crew mustered 9:30. No absentees. P.,log taken in 9:03. Bois Blanc light abeam 9:41 Passed light abeam at 10:33 Tug Shaun Rue with tow passed 10:18 Groose Dale light passed abeam at 10:23 Grassey Island abeam at 10:47 Freighter W.F. White passed at 10:54 Fighting Island Light abeam at 10:54 Ecorse light 10;57. Took sounding at Ecorse light 33, 36 30 and 36 feet. Ship anchored at 11:07 with 34 fathoms of chainout from wild cat. Bearing on Great Lakes Stack 342° . Ship head 4 1/2°

E. L. Lawrence
Ensign, USNRF 4 ess

Meridian to 4:00 p.m.
At anchor swinging 355° to 15° psc. Captain appointed Exec. Officer Mr. Bowers, P.A. Surg. G.W. Wood and Ensign C.E.Crone as a survey board who inspected and found the refrigeration facilities inadequate. Crew engaged in general work and installing bunker plates. Took bearing every half hour . White stack bearing from 340° to 343° psc. Black stack bearing 225 to 228 psc . Telegram sent to 9, 10 and 11th Naval Dists. Great Lakes Illinois, Arrived Detroit 11:00 a.m. Thursday. Moderate and fresh west breezes Barometer steady.

C. C. Crane Jr.
Ensign, USNRF 4 cec

4:00 p.m. to 8:00 p.m. Moderate breezes to light airs. Barometer steady. At anchor Detroit River Off Ecorse. 265 lbs meat condemed and thrown overboard Lowered all boats made all preparations for dry-docking. Hove short at 5:10 p.m. Underway, Captain conning, at 5:24 p.m. Secured in floating dry-dock of Great Lakes Engineering Works, Ecorse Mich. at 6:10. Started pumps on dock at 6:15 p.m. Took out 350 feet of fire hose for fresh water connection on dock.

E. Y. Lewis
Ensign, USNRF 4 GS egl

8:00 p.m. to 12:00 p.m.
Light airs from W to calm. Barometer steady. Cut out boiler "B" at 10 p.m. Fires died out. Stephens, J.D. Yeo.1 cl. U.S.N. left on 10 day leave in accordance with Commanding Officer's letter of even date.

E. Y. Lewis
Ensign, USNRF 4 GS egl

Approved:
L. R. Sutton
Lieut. Comdr. NNV.
Commanding Officer

Examined:
J. M. Bowers
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit, Mich TO _____, 3 May, 1918

L.R. Rutter, Lieut, Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	In dry dock								E	1	29.39	72	56	54		bc	cic		2	
2									E	1	29.39	72	54	52		bc	cic		2	
3									E	1	29.39	74	54	52		bc	cic		2	
4									E	1	29.39	74	50	48		bc	cic		3	
5									E	1	29.38	72	48	46		bc	as		2	
6									E	1	29.38	70	48	46		bc	as		5	
7									E	1	29.36	70	50	48		bc	as		5	
8									E	1	29.36	72	52	50		bc	as		8	
9									CALM	1	29.35	73	57	55		c	acu		10	
10									SW	1	29.33	71	56	54		c	acu		10	
11									SW	1	29.29	72	58	56		c	acu		10	
12									SW	1	29.28	76	68	56		c	acu		10	
P. M.																				
1	In dry dock								SW	L	29.28	76	68	66		bc	acu		5	
2									SW	1	29.27	72	70	68		bc	asr		4	
3									SW	3	29.21	70	70	68		bc	asr		6	
4									W	2	29.18	70	72	70		oc	asr		8	
5									W	2	29.16	80	79	77		co	as		10	
6									W	2	29.15	80	76	75		co	acu		10	
7									W	1	29.15	79	75	74		xo	acu		10	
8									W	1	29.15	76	73	74		co	vcu		7	
9									W	1	29.16	72	73	71		bc	cu		7	
10									W	1	29.15	72	76	68		bc	cu		7	
11									NW	1	29.16	76	74	68		c			10	
12									NW	1	29.15	74	72	66		c			10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 67
Minimum 65

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 5400 / On hand 86200

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 3 May 1918

REMARKS.

Commences and until 4:00 a/M/

Light air from the east. Barometer steady. "A" Boiler in use for auxiliary purposes.

E. G. Lewis
Ensign, USNRF -4 GS

4:00 a.m. to 8:00 a.m.

Light airs from east . Barometer slowly falling.

E. G. Lewis
Ensign, USNRF -4 GS

8:00 a.m. to Meidian.

Dynamo secured and Boiler "B" dying out at 8:00 a.m. Crew engaged in chipping and scraping down gun deck.overhauling running boats and installing bunker plates. Muster at 9.30 a.m. No Absentees. Inspection made of ship's bottom by board consisting of Executive Officer, Chief Engineer and Ship's Carpenter. Calm and light southwest airs. Barometer fallingL

C. C. Crowell Jr.
Ensign, USNRF -4 cec

Meridian to 4:00 p.m.

Work of morning continued. Dry-dock employees working on ship's bottom. Boiler "A" dying out at 12:05 p.m. Canteen stores received at 3:00 p.m. Light airs and gentle breezes from southwest shifting to west. Barometer falling.

C. C. Crowell Jr.
Ensign, USNRF -4 cec

4:00 p.m. to 6:00 p.m.

Crew knocked off work at 5:00 p.m. Liberty party shoved off at 6:00 Light west breezes. Barometer falling.

C. C. Crowell Jr.
Ensign, USNRF -4 cec

6:00 p.m. to 8:00 p.m.

Liberty party shoved off at 6:45 p.m. Light west airs . Barometer steady .

C. C. Crowell Jr.
Ensign, USNRF-4 cec

8:00 p.m. to Midnight

Boiler "A" lit off at 9:05 p.m. Connected in at 11:00 p.m. Liberty party aboard by midnight. Light variable airs. Barometer steady.

C. C. Crowell Jr.
Ensign, USNRF -4 cec

Approved:
L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Bowers
Lieutenant, USNRF-1v., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Detroit Mich TO ____, 4, May, 1918

L. R. Rutter, Lieut? Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		In dry-dock.				-			EE	3	29.16	74	56	54		bc	cis		7	
2									E	2	29.16	72	56	53		bc	cis		8	
3									NE	2	29.16	70	55	53		bc	cis		8	
4									NE	2	29.16	78	56	53		bc	cis		9	
5									N	1	29.17	78	55	54		bc	ac		10	
6									N	1	29.17	72	54	53		bc	ac		10	
7						-			NE	1	29.17	72	52	51		ocz	as		10	
8									NE	1	29.18	72	53	52		ocz	as		10	
9									NE	1	29.22	69	54	52		coz	as		10	
10									E	1	29.20	74	53	51		coz	as		10	
11									E	1	29.19	68	60	58		cs	cs		9	
12									E	1	29.21	70	61	59		cs	cs		9	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 67
Minimum 66

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3200 / On hand 83000

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									E	1	29.22	74	61	59		cz	cis		9	
2									E	1	29.22	72	66	64		cz	cis		3	
3									E	1	29.22	76	66	64		cz	cis		6	
4									E	1	29.26	78	65	61		cz	cis		5	
5		Moored to coaling dock							E	1	29.26	76	62	60		bcz	cis		6	
6									E	1	29.26	74	63	61		bcz	cis		5	
7		Anchored at Detroit							E	1	29.25	76	50	48		bcz	cis		7	
8									E	1	29.25	74	50	48		bc	as		6	
9									E	1	29.25	74	52	50		bc	as		4	
10									NE	1	29.25	76	50	49		bc	as		3	
11						-			NE	1	29.25	78	49	47		b	as			
12									NE	1	29.25	78	48	46		b	as			

(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP Essex

REMARKS.

Commences and until 4:00 a.m.
Boiler "A" steaming for auxiliary purposes. Gentle to light b breezes from the east to northeast. Barometer steady.

L. C. Crowe Jr.
Ensign? USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. and engaged in chipping and making coal chutes. Light north and northeast airs. Barometer steady.

L. C. Crowe Jr.
Ensogn, USNRF 4 cec

8.00 a.m. to Meridian
Light airs from northeast to east . Barometer rising. Crew engaged in overhauling all sea valves, boats and gear. Commander Wm. M/ McMunn, NNV came aboard at 9:30. Left ship at 11:00 a.m. Received canteen stores from Bunter Bros. & Stradding of Detroit.

E. G. Lewis
Ensign, USNRF 4 GS

Meridian to 4:00 p.m.
Light airs from the east. Barometer steady. Light fires spread in Boiler "B" at 1:00 p.m. At 3:20 p.m. started flooding dock. At 3:25 PM cut in boiler "B". At 3:45 blew off both boilers? made all preparations for getting underway. 4:00 p.m. ship afloat in dry dock, tug Ecorse handling stern line. Underway at 4:00 P.M.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 p.m. to 8:00 p.m.
Light airs from east . Barometer fluctuating. Standing up Detroit River, Captain Conning. Steered various courses. Secured alongside Sandwich Island Coal Dock, at 4:18 p.m. Draft aft 15 ft. forward 13 ft. 5 in. Commenced coaling at 4:54 p.m. Took on 130 tons coal from Pillsburg Coal Co. Finished at 5:17 p.m. Tested life buoys and flood cocks. Found in working order. 6:00 p.m. underway standing up Detroit River, Captain conning, steering various courses. Came to anchor ahead of the U.S.S. ISLA DE LUZON in 4 fathoms of water, starboard anchor 30 fathoms at the water's edge. Draft aft, forward

E. G. Lewis
Ensign, USNRF 4 GS

8:00 p.m. to Midnight.
Light airs from east to northeast. Barometer steady. Field day , scrub and wash down main deck. Liberty ashore at 8:40 p.m. Tested search-light.

E. G. Lewis
Ensign, USNRF 4 GS

Approved:

R. R. Lunter
Lieutenant Commander, NNV
Commanding Officer.

Examined:

J. M. Bauer
Lieutenant, USNRF 4 D., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM DETROIT MICH TO _____. 5 May _____, 1918

L.R.Rutter, Lieut. Comdr. NNV _____, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Anchored at Detroit.							NE	1	29.25	78	48	46		b				
2									NE	1	29.25	78	48	46		b				
3									NE	1	29.24	78	47	45		b				
4									NE	1	29.22	76	50	48		bc	as		2	
5									NE	1	29.22	74	60	58		oc	cun		10	
6									NE	2	29.20	76	56	56		ocd	n		10	
7									NE	1	29.20	76	60	58		bc	cu		6	
8									NE	1	29.20	74	60	58		bc	cicu		4	
9									NE	1	29.19	75	62	60		bcz	cicu		3	
10									NE	1	29.19	75	68	66		bcz	cicu		3	
11									NE	1	29.19	76	74	72		bz	ci		2	
12																				

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Latitude _____ (a.m.)
Longitude _____ (a.m.)

Latitude _____ (Noon.)
Longitude _____ (Noon.)

Latitude _____ (p.m.)
Longitude _____ (p.m.)

Current: Set _____ Drift _____

Magazine Temperatures.
Maximum 67
Minimum 66

Coal: Received _____ Expended 6300 On hand 336700

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
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P. M.																				
1		Anchored at Detroit.							ene	2	29.19	79	78	76		bcz	cis		4	
2									SW	2	29.19	86	77	76		bcz	cicu		4	
3									SW	2	29.19	79	79	78		bcz	cicu		3	
4									SW	2	29.19	81	79	78		bc	cicu		5	
5									SW	2	29.18	82	78	77		bcz	cicu		3	
6									SW	2	29.17	81	78	76		bcz	cu		3	
7									SW	2	29.18	80	75	73		bcz	ci		3	
8									SW	2	29.20	77	75	73		bcz	ci cu		3	
9									SW	1	29.21	75	76	74		bc	cicu		5	
10									SW	1	29.22	75	70	68		oc	cicu		5	
11									SW	1	29.23	75	68	66		bcz	as		7	
12									SW	1	29.23	76	70	68		bcz	as		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essexv 5 May 1918

REMARKS.

Commences and until 4:00 a.m.

Light airs from northeast. Barometer falling. At anchor in Detroit River. Fires on all boilers, steam to the throttles.

E. G. Lewis
Ensign, USNRF 4 GS

4:00 a.m. to 8:00 a.m.

Light airs from northeast. Barometer steady. Scrubbing down and washing all paint work.

E. G. Lewis
Ensign, USNRF 4 GS

8:00 a.m. to Meridian

Light airs from northeast. Barometer steady. Crew engaged in cleaning up ship. Commanding Officer paid his respects to the Senior Officer Present.

E. G. Lewis.
Ensign, USNRF 4 GS

Meridian to 4:00 pM/

Capt. Vanderwerl and Lieut. Parson paid a visit to Capt. Rutter at 4:00 p.m. Starboard watch shoved off on liberty at 2:40 p.m. Light Breezes from ENE to SW. Barometer steady.

E Sarmene
Ensign, USNRF ess

4:00 p.m. to 6:00 p.m.

Received five gal. hasolene from the U.S.S. ISLA DE LUZON. Engine-room pumped bilges at 5:50. Capt. Vanderwerl and Lieut. Parson left at 5:20. Light breezes from southwest. Barometer falling.

E Sarmene
Ensign, USNRF 4 ess

6:00 p.m. to 8:00 p.m.

Light breezes from SW to SSW. Barometer fluctuating .

E Sarmene
Ensign, USNRF 4 ESS

8:00 p.m. to Midnight-

Light airs from southwest. Barometer rising.

E Sarmene
Ensign, USNRF 4 ess

Approved: L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined: J M Bowers
Lieutenant USNRF-1, Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP DESSEX

AT OR EN ROUTE FROM Detroit, Mich TO ~~Grand Haven~~, 6 May 1918 191

L. R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Anchored at Detroit, Mich								SWSWS	1	29.23	78	66	65		bc	as		6	
2									SW	1	29.23	79	66	65		bc	as		3	
3									SW	1	29.23	78	66	65		bc	cis		5	
4									SW	1	29.23	76	65	64		bc	cis		8	
5									SW	1	29.23	74	64	62		c	cicu		6	
6									SW	1	29.23	73	65	63		c	cicu		8	
7									SW	1	29.23	72	66	64		bc	cicu		8	
8									SW	1	29.23	71	68	66		bc	cicu		8	
9									SW	1	29.24	71	70	68		bc	cicu		7	
10									SW	1	29.24	72	70	68		bc	cis		8	
11									SW	1	29.24	72	70	68		bc	cicu		7	
12									SW	1	29.24	72	70	68		bc	cicu		8	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 5700 / On hand 331000

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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P. M.																				
1	Anchored at Detroit.								S	1	29.22	74	74	72		bc	cicu		8	
2									S	1	29.20	74	76	74		bc	cocl		8	
3									S	1	29.20	74	74	72		bc	cicu		8	
4									S	1	29.20	74	72	70		bc	cis		8	
5									S	2	29.18	81	71	70		co	as		10	
6									S	2	29.15	79	70	69		bc	cis		8	
7									S	2	29.14	79	68	67		bc	ci		8	
8									S	2	29.12	76	70	69		co	as		10	
9									S	2	29.10	75	67	65		co	as		10	
10									SW	2	29.08	75	66	64		co	as		10	
11									SW	2	29.04	82	67	65		co	as		10	
12									SW	2	29.04	73	63	61		or	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 6 May 1918

REMARKS.

Commences and until 4:00 a.m.
Fires in both boilers. Steam to throtles. Light southwest airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF 4 cec

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. for field day. Liberty party aboard by 7:00 a.m. Two absentees, Durfee, W. J. Sea 2c USN RC. C. Berg, Sea USN. Light southwest airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF 4 cec

8:00 a.m. to Meridian.
Field Day. Durfee, W.J. and Berg, R.C. reported aboard at 9:30 a.m. two hours and thirty minutes overtime. Delivered to U.S.S. ISLA DE LUZON one pad S&A forms #634 at 10:55. Bilges pumped at 10:05 Received 50 mal. gasolene at 11:30 from Wolverine oil Co. Anchored in 4 fathoms of water 318 ft. forward of U.S.S. ISLA DE LUZON. Barometer steady.

E. S. Barnes
Ensign, USNRF ess

Meridian to 4:00 p.m.
Received from Swift Co., 6 quarters beef, 107 lbs. frankfurters, 200 lbs. park sausage, from Wilson & Co. 90 lbs. butter, from Armour & Co. 120 doz. eggs. From Longs Co. 197 lbs. Bananas, from Brand printing Co. 500 identification cards. Received 3000 lbs ice from Crystal Ice Co. 1000 lbs. bread from general Baking Co. 2500 lbs. potatos from Reynolds fruit Co. Pulled all guns clear of slide , cleaned and oiled guns. Drawed and cleaned recoil cylinders. Oiled pivots and sockets. Barometer steady. Light air from south.

E. S. Barnes
Ensign, USNRF 4 ess

4:00 p.m. to 6:00 p.m.
Light air to light breeze from South Barometer falling.

E. S. Barnes
Ensign, USNRF -4 ess

6:00 p.m. to 8:00 p.m.
Received 2000 lbs. ice from General Ice Co. Received from Auto Supply Co. 12 cans of metal polish. Light breezes from south. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF -4 cec

8:00 p.m. to Midnight.
Started raining at 11:40 p.m. Light south breezes shifting to gentle breezes from south by west. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF 4 cec

Approved:
L. A. Cutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Bauer
Lieutenant, USNRF-1
U. S. N., Navigator.

2500

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit, Mich. TO Great Lakes, Ills. 7 May 1918, 191

L. R. Ritter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. Ar.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1	Anchored at Detroit? Mich.								S	2	29.02	74	62	60		ocr	nicu		10	
2									S	2	2899	72	60	58		ocr	nicu		10	
3									S	3	28.95	70	60	58		ocr	nicu		10	
4									S	2	28.95	76	59	57		oc	nicu		10	
5									S	2	28.95	75	60	59		co	acu		10	
6									S	2	28.95	74	61	59		co	acu		10	
7					81		127575	Variou	S	2	28.97	80	64	64		bc	acu		8	
8					88		132690	"	S	2	29.00	81	60	58		hc	scu		10	
9					at anchor			"	Sw	2	28.90	61	54	52		fc	scu		10	
10								"	Sw	2	28.90	63	55	53		f	acu		5	
11					80		134400	"	Sw	1	28.91	69	66	62		hc	scu		10	
12					86	5	144410	"	W	2	28.90	71	67	64		hc	scu		10	
P. M.																				
1					86	8	149620		SW	1	28.89	72	70	67		bc	scu		9	
2					88	3	154922		SW	1	28.88	74	69	66		bc	scu		7	
3			3	10	88		160205	350	SW	2	28.88	78	74	71		bc	scu		6	
4			7	1	88		165485	350	W	4	28.88	76	60	52		bc	scu		5	
5	16	2	9	1	86		170705	350	W	4	28.86	74	60	56		bc	scu		5	
6	25	3	9	1	90		176105	350	W	4	28.86	70	60	56		bc	cic		5	
7	34	5	9	2	88		181385	350	NXW	4	28.87	68	55	53		bc	scu		7	
8	43	2	8	7	86		186520	340	NNW	5	28.94	67	51	49		bc	scu		8	
9	51	8	8	6	87		191770	340	NNW	4	29.00	72	44	42		c	scu		9	
10	61	2	9	4	97		197640	340	NNW	4	29.02	69	41	39		c	scu		10	
11	70	5	9	3	81		202500	340	NNW	4	29.01	69	40	38		c	scu		10	
12	79	6	9	8	91.7		208000	340	NW	4	29.01	69	39	37		c	scu		10	

Lat. a. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

Lat. p. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures: Maximum ____ Minimum ____

Compass ____ S. H ____ Error ____ Variation ____ Deviation ____

Coal: Received ____ Expended 21800 On hand 309200

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended 32 On hand 1345

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 7 May 1918.

REMARKS.

Commencing and until 4:00 a.m.
Barometer falling. Light breeze to gentle breeze to light breeze from south. Boilers steaming.

E S Barnum
Ensign, USNRF 4 ess

4:00 a .m. to 8:00 a.m.
Crew turned to in preparation for getting underway at 5:15. Rigged in booms, hoisted motor boat. Main engines turned over at 5:30 Underway at 6:04 from Detroit Mich. Draft 15 ft. 6 in aft, 14 ft. forward. Steamed various courses through Detroit River and Lake St/ Clair Channel, red buoys to starboard black to port. Speed approximately ten miles per hour. Fog started to settle at 7:45. Wireless sent to Great Lakes announcing departure Light breeze from south Barometer rising. Captain conning throughout watch.

E S Barnum
Ensign, USNRF-4 ess

8:00 a/m. to Meridian
Light air to light breeze from southwest to west. Standing up Lake St. Clair, Foggy. 8:01 half speed. Came to anchor at 8:40 a.m. in three fathoms of water, starboard anchor. fifteen fathoms of chain out. Fog lifted at 9:40 Hove short underway at 9:50 a.m., standing up Lake St/ Clair. Entered St. Clair Flats at one-half speed at 10;00 a.m. Passed upper entrance of canal at 10;24 a.m. Average revolutions 83.3. Average steam 193.2 for watch. Captain conning throughout watch.

E. G Lewis
Ensign, USNRF-4 GS

Meridian to 4:00 p.m.
Steering various courses full speed up St. Clair River. Abreast of Stag Isl. Shoal Light at 1:38 p.m. Showers from 2:25 to 2:35 p.m. Took bearing off Ft. Gratoit Range Light at 2:35 p.m. SHHD25° 30' E. DEV. 4° 30' E. Took bearing off Pt. Edward Range Light at 3:03 p.m. SH HD 1°30' E. DEV. 2° 15' E. Abreast of Lake Huron Light vessel at 3:10 p.m/ Put LOg out reading 0. C.C. 359° PSC. Changed CC to 350° PSC, PLR 1.1 K at 3:17 p.m. CC 350° PSC PLR 7.1k at 4:00 p.m. Average steam 191 lbs. Average revolutions 87.8 forowatch. Crew engaged in general work. Light southwest airs and breezes shifting to moderate west breezes. Barometer steady.

C. C. Crowell Jr.
Ensign, USNRF-4 cec

4:00 p.m. to6:00 p.m.
On course 350° PSC. Lexington abeam at 4:45 p.m. PLR 16.2 at 5:00 p Port Santilac light abeam at 5:48 Bearing taken, course three miles off shore at 6:00 p.m. PLR 25.3k Average revolutions 88 steam 172.

E S Barnum
Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Fresh breeze from west to northwest. Barometer rising. Steering 350° PSC. 7:50 Harboro beach light bearing 323 1/2° PSC Sighted. Average revolutions 86, average steam 190. Miles amde good for watch, 2058.

E. G. Lewis
Ensign, USNRF-4 GS

8:00 p.m. to Meridian
Steaming full speed. Course 350° PSC. Bearing taken off Harbor Beach light, 2.3 Mi. distant when abeam, at 8:27 p.m. PLR 47k. Course changed to 340° PSC Bearing taken off Pt. Aux Barquis Light 6 mi. distant when abeam at 9:47 p.m. PLR 59.3k. Average revolutions 89.2, average steam 190 lbs. for watch. Miles made good 41.5., Sent wireless to U.S.S. ISLA DE LUZON when off Lake Huron Light vessel, stating condition of ice in river and lake. ModerateNnorth-west and northwest breezes. Barometer steady.

C. C. Crowell Jr.
Ensign, USNRF-4 cec

Approved:
L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Powers
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2520

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit, Mich TO Great Lakes, 8 May, 1918

Lieut. Commdr. L. R. Rutter, NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	9	1	88	7	88	7	123323	340	NW	5	29.00	68	34	W2		bc	scu		8	
2	8	8	97	5	91	7	218826	340	NW	6	29.03	68	34	32		bc	scu		5	
3	8	7	6	2	90		224260	340	WNW	6	29.07	70	34	32		bc	scu		6	
4	8	2	14	8	90		229660	340	WNW	6	29.09	71	34	32		bc	scu		4	
5	8	7	23	5	91		235020	327	NW	5	29.15	70	36	34		bc	scu		5	
6	8	3	31	8	91		240080	327	NW	5	29.15	70	36	34		bc	scu		5	
7	8	4	40	2	91		245740	327	NW	5	29.16	72	35	33		bc	scu		3	
8	8	7	48	9	92		251460	300	NWXW	5	29.20	67	35	33		bc	cu		4	
9	9	1	58	0	93		257090	300	NWXW	4	29.23	71	34	33		bc	scu		9	
10	9	5	67	5	95		262822	297	WNXW	3	29.26	76	35	34		b	cis		2	
11	9	5	77	5	95		268522	300	NWXW	3	29.29	80	39	34		b	cis		2	
12	8	5	86	0	90		273926	300	NWXW	3	29.29	77	42	40		b	cis		2	
P. M.																				
1	9	0	95	0	90	2	279340	300	nw	4	29.29	70	42	40		bc	as		4	
2	10	0	5	0	95	3	285062	280	SW	3	29.26	70	42	40		bc	as		7	
3	9	0	14	0	94	-	209706	280	SW	4	29.24	70	42	40		bc	as		7	
4	9	5	23	5	93	5	296430	195	SW	4	29.23	70	42	40		bc	as		8	
5	9	6	33	1	93	4	302935	219	S	2	29.22	74	38	36		bc	aicu		2	
6	9	6	42	7	92	-	307555	219	SE	2	29.16	72	44	42		bc	cicu		4	
7	9	4	52	1	91	-	313015	219	E	2	29.15	72	38	36		bc	as		6	
8	9	5	61	6	91	-	318500	219	E	1	29.12	72	39	37		cb	as		8	
9	10	0	71	0	87	-	323724	245	N E	1	29.15	76	44	42		cz	as		9	
10	9	2	80	2	90	5	329160	222	NE	2	29.16	70	42	40		orl	cun		LO	
11	9	4	89	6	90	7	334600	222	NE	2	29.11	70	42	40		or	cun		10	
12	8	6	99	2	90	8	340046	222	E	2	29.04	68	42	40		orl	cun		10	

Lat. and Long. a. m.
Lat. and Long. Noon.
Lat. and Long. p. m.
Current: Set / Drift

Magazine Temperatures:
Maximum 66
Minimum 65

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended / On hand

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 8 May 1918

REMARKS.

Commences andunntil 4:00 a.m.
Course 340° psc. Barometer rising. Fresh breeze to strong breeze from NW to NNW. PLR 88.7 at 1:00 Sighted Sturgeon light at 1:15. PLR at 2:00 a.m. 97.5. Bow and beam bearing on Sturgeon light at 2:21, 10.2 mi. off shore. Picked up Thunder Bay light at 1:30 a.m. 3:00 a.m. PLR 106.2 4:00 a.m. PLR 114.8 Average Revolution 90.3, Average steam 191.2 for watch.

Ensign, USNRF-4 ess

4:00 a.m, to 8:00 a.m.
Fresh breeze from the northwest. Barometer rising. Course 340° psc Thunder Bay light bearing 313° psc at 4:11 a.m. PLR 116.1 Middle Island light sighted at 4:19 a.m. Thunder Bay light abeam at 4:39 a.m. PLR 121.1 CC to 327° PSC PLR 121.7 Middle IslandLight abeam at 5:51 a.m. PLR 131.2 Presque Isle Light sighted at 5:55, abeam at 7:24 a.m. CC at 7:25 to 300° psc PLR 143.7 Average steam 190 Average revolution for watch 91. Miles made good for the watch 39.2

Ensign, USNRF-4 GS

8:00 a.m. to Meridian
Steaming full speed course 300° psc. Took suns azimuth at 8:10 a.m. Off Presque Isle light bearing PSC N 35° E. Dev. Took bearings off forty Mile Light. Abeam at 9:37 a.m., distance 4 1.4 miles PLR 163.9k. Changed course to 295° PSC at 9:40 a.m. PLR 164.2k. Spectacle Reef Light sighted at 10:25 a.m. Abreast on starboard beam at 11:20 a.m. distance approximately 9 mi. Changed course to 270° PSC. at 11:15 a.m. PLR 184.3k. Slowed down engines at 11:15 a.m. for four minuted to fix pin. Pocs Reef light sighted at 11:50 a.m. abreast on starboard beam at 11:54a.m. PLR 185.1 Crew engaged in general work. Muster at 9:30 a.m. No absentees. Av. steam 190, av. rev/ 93 for watch. Miles made good for watch 41.7 moderate to gentle northwest by west breezes, Barometer rising.

Ensign, USNRF-4 c3c

Meridian to 4:00 p.m.
1:00 PLR 95 Bearing on old mariner Pt. .46 of a mile off shore 2:00 p.m. PLR 102.3 Bearing on St. Helena light at 2:00 p.m. 2.5 mi. off shore. 3:00 p.m. PLR 114, at 2:50. Sailed various courses. On course 195° at 3:45 p.m. Log reading abreast of light ship 3:40, 4:00 PLR 123.5 Av. rev. 93, Av. steam 174. Moderate breezes from NW to SW. Barometer falling.

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m/
Light breezes from southeast to east. Barometer falling. Steering course 195° PSC C.C. at 4:14 to 219° PSC PLR 125.6.. Mirage and und visibilities. Av. steam 182.5, av. rev. 92.7. Filled fresh water tanks about 1600 gal.

Ensign, USNRF-4 GS

6:00 p.m. to 8:00 P/p.m.
Steaming full speed xcourse 219° PSC. Abreast of Grand Traverse light at 7:21 p.m. approximate distance 5 mi. Sighted west Manitou light at 7:25 p.m/ South Manitou at 7:55 p.m, Av/ steam 185 Av. rev. 91 for watch. Miles made good for watch 21.7 Light east airs and breezes. Barometer falling.

Ensign, USNRF-4 cec

8:00 p.m. to midnight.
course 219° psc, changed 230° psc at 8;10 PLR 26. 32 course 240° psc at 8:22 PLR 264.9. Picked up Manitou light ship at 8:20. PLR at 9:00 271. North Manitou light abeam at 9:15 light ship abeam at 9:25 Started to rain at 9:33 p.m. South Manitou light abeam at 10:05 PLR 280.8 10:00 plr 280.2. 26 1/2-45° bearing on Pt Betsy light. 4.37 mi. from shore. 11:00 PLR 289.6 Stopped raining at 11:15 12:00 PLR 299.2 Av. rev. 89 av. steam 195. Light air tolight breeze from ENExE Barometer falling.

Ensign, USNRF-4 ess

Approved:

L. R. Rueter

Examined:

J. M. Bauer

U. S. N., Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit, Mich TO Chicago, Ill 9 May 1918

L. R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	9	3	168	5	88	5	345361	208	S	3	29.02	60	40	38		ocm	sf		10	
2	9	-	117	5	88	9	350695	208	S	5	28.95	60	40	38		ocm	sr		8	
3	8	5	126	-	80	3	355515	208	S	2	28.95	60	40	83		om	sr		10	
4	8	8	131	8	58	-	359095	208	S	2	28.94	60	40	38		om	sr		10	
5	9	2	141	2	90	-	364495	208	SE	2	28.90	62	42	40		cb	as		7	
6	9	2	150	2	90	-	369895	208	SE	2	28.94	70	41	39		cb	as		8	
7	8	8	159	8	92	-	375415	208	SE	2	28.94	70	41	39		cb	as		8	
8	9	8	168	8	90	1	380554	208	SE	2	28.94	74	41	39		cb	as		10	
9	9	-	177	-	90	5	385982	208	SE	2	28.93	76	41	39		cb	as		10	
10	8	6	186	6	89	9	391380	208	SW	2	28.90	76	41	39		ch	as		10	
11	9	-	195		91	1	396850	208	SW	2	28.93	76	41	40		ch	as		10	
12	9	-	204		91	6	402347	208	SSW	4	28.89	76	44	42		orh	as		10	
P. M.																				
1	8	5	44	9	89	9	407744	208	SE	2	28.81	71	43	42		boz	cis		9	
2	7	7		3	84	5	412816	208	SE	2	28.72	66	45	44		cro	as		10	
3	9	2	3	5	84	3	417874	208	S	2	28.66	65	45	44		coz	scu		10	
4	9	2	212	7	87	7	423134	180	S	2	28.71	69	50	48		coz	scu		10	
5	9	4	21	1	88	-	428314	148	SE	4	28.62	70	54	52		coz	cu		5	
6	9	7	31	6	85	5	428314	148	SE	4	28.62	70	68	66		co	cu		6	
7	10	8	40	2	96	-	439210	170	S	4	28.60	70	68	66		co	cu		7	
8	7	8	50	6	88	-	444342		SW	4	28.57	70	68	66		co	cus		6	
9	Anchored in Chicago Harbor								SXW	5	28.56	71	68	66		co	cun		7	
10	Moored at dock.								SXE	9	28.56	78	66	65		co	cun		7	
11									SW	6	28.56	77	66	64		oc	cun		10	
12									SW	4	28.56	70	65	63		oc	n		10	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 64600 On hand 183100

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 9 May 1918

REMARKS.

Commences and until 4:00

Gentle to Fresh breezes from the south. Barometer falling. Steering CC 222° PSC C.C. at 12:06 to 208 psc, PLR 99.9 fog set in at 2:40 a.m. PLR Slowed to 1/2 speed and commenced sounding fog signal at 2:45 a.m. PLR 124.5 3:50 a.m. full speed ahead. PLR 130.4 Fog lifting. Av. steam 186, Av. rev. 78.9 Miles made good for watch 37.4

Ensign, USNRF-4 GS

4:00 a.m. to 8:00 a.m.

Steering full speed, course 208° psc. Big Sable Pt. Light sighted at 4:30, bearing 113° psc. 313° psc Took azimuth of the sun at 6:21 bearing north 76° 30' E Dev. Two up-bound steamers passed on port beam. approximately 11/3 mi. distant Crew turned to at 3:30 on general cleaning up. Av. steam 185, av. rev. 90.9 for watch. Miles made good for watch 42.6 Light southeast breezes. Barometer steady.

C. C. Crow Jr.
Ensign, USNRF-4 ccc

8:00 a.m. to Meridian

Course 208 psc. 2976 gal. water on hand. PLR at 9:00 a.m. 337.8 started raining at 11:20 PLR, 10:00 a.m. 386.4 PLr, 395.4, 11:00 stopped raining at 11:40 12:00 PLR. 404.4 Miles made good for watch 40.9 miles Av. rev. 91.6 av. steam 195. Barometer fluctuating. Light breezes to moderate from SE to SW to S

E. L. Sarvent
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.

Steering course 208 psc. Standard speed fog set in at 12:50. Started fog signals/ Took in PLR 17.3 at 1:30 full speed astern at 1:30 Steamer passed across course from port at 1:38. Full speed ahead put out PLR 0 Took sounding with souding machine at 1:40, 23 fathoms of water. fog lifted at 3:06, showing Kenosha abeam at 3:16 C.C. at 3:37 to 195° psc PLR 18.2 C.C. 3:40 ~~NE~~ 190 psc PLR 18.7 C.C. at 3:43 to 180 psc. PLR 19.3 Gentle breeze from south to southeast. Barometer falling. Av. rev. 86.6 av. steam 191.3

E. G. Lewis
Ensign, USNRF-4 GS

4:00 p.m. to 6:00 p.m.

Steaming full speed, course 180 psc. Changed course to 190 psc. at 4:10 p.m. PLR 23.2. Abreast of Waukegan Harbor light at 4:35. Great Lakes wireless towers in range at 4:56. Changed course to 148 psc. PLR 30.6 Hoisted ship's call A.C. No answer. Notified Great Lakes of Destination of Chicago. Reply received with approval. Took sun's azimuth at 5:36. Great Lakes Bearing N 90° W Dev Took bearings off Winnetka standpipe abeam at 6:09 p.m. distance 3.6 mi. Light south breezes shifting to moderate southeast breezes Barometer fluctuating.

C. C. Crow Jr.
Ensign, USNRF-4 ccc

6:00 p.m. to 8:00 p.m.

C.C. 148 psc. Bow and beam bearing on Land Fall, course 3.1 mi. from shore. C.C 170 psc PLR 49.1 7:00 read 50.2 8:00 PLR 57.6 Groose Pt. Light abeam 7:04 Light breeze to gentle breeze from S to SE. Barometer falling.

E. L. Sarvent
Ensign, USNRF-4 ess

8:00 p.m. to midnight.

Steering various courses. At Harbor entrance at 8:12 p.m. Anchor let go in 31/2 fathoms of water 20 fathoms of chain at wild cat. Anchored 200 yards off starboard quarter of U.S.S. YANTIC, and 500 yards off starboard quarter of GOPHER. Engine room given permission at 8:55 Broke anchor at 9:20 and docked at 9:40 p.m. in four fathoms of water. Moderate breeze or D.8 to fesh breeze to strong gale. Barometer steady. Draft of ship forward 13 ft. 10 in., aft 15 ft. 2 in.

E. L. Sarvent
Ensign, USNRF-4 ess

Approved: L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined: J. M. Dawson
Lieutenant, USNRF-1V. S. N., Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Essex ay 10 1918.

AT OR EN ROUTE FROM Chicago, Ill TO _____, 191

L. R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Moored chicago dock.								SW	3	28.56	71	65	43		ncy	cis		4	
2									SW	2	28.56	71	65	43		ncy	cis		4	
3									NW	3	28.60	70	47	47		ncy	cis		5	
4									NW	4	28.66	68	48	46		coz	n		10	
5									NW	5	28.71	70	51	48		com	n		8	
6									NW	4	28.81	70	50	48		com	cn		8	
7									NW	2	28.88	70	50	48		com	cun		8	
8									N	2	28.87	70	50	48		com	cun		9	
9									N	2	29.01	72	51	49		coz	cun		9	
10									N	2	29.06	75	52	50		coz	scu		9	
11									N	2	29.11	68	50	48		ncz	scu		2	
12									N	2	29.12	65	48	46		nca	cis		2	
P. M.																				
1									NW	2	29.13	61	49	43		ncz	cu		3	
2									NW	2	29.19	69	54	52		ncz	cis		4	
3									NW	2	29.22	72	57	55		nc	cis		4	
4									N	2	29.26	70	59	57		nc	cis		3	
5									NE	1	29.25	74	54	56		nc	cis		2	
6									NE	1	29.25	74	54	56		nc	cis		2	
7									NE	1	29.27	75	50	48		nc	cis		2	
8									NE	1	29.30	81	44	4w		nc	cis		2	
9									EXN	1	29.32	81	44	43		nc	cis		2	
10									E	1	29.32	78	44	42		nc	cis		2	
11									SE	1	29.32	75	45	46		nc	cis		2	
12									SXE	1	29.32	76	48	46		nc	cis		1	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended / On hand

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
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(This page to be sent to Bureau of Navigation monthly.)

4—2590

UNITED STATES SHIP ..... Essex ..... 10 May 1918

REMARKS.

Commencing and until 4:00 a.m.
Gentle breeze to moderate breeze to fresh breeze. Barometer rising. Boiler A steaming for auxiliary purposes.

E. Sarvis
Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m.. following out morning orders. Side cleaners over side, hammock clothes scrubbed in lye-water, decks swept down, and holy-stoned. Guard placed on dock, R. Houle, and Barrett M J Flc returned to U.S.S. YANTIC. Variable winds from northwest. Barometer rising

E. Sarvis
Ensign, USNRF -4 ess

8:00 a.m. to Meridian.
Light breezes from the north. Barometer rising. General field day. F. Peck, CMM USNRF-3 Returned aboard from a tenday leave. Lieut. W.T. Cooper/ USNRF- GS paid an official visit to the Commmanding Officer. Transferred stores received at Erie, Pa/ to the U.S.S. YANTIC.

E. G. Lewis
Ensign, USNRF -4 GS

Meridian to 4:00 p.m.
General field day continued. All uncovered work given priming coat or paint. Crew knocked off work at 4:00 p.m. Light northwest breezes. Barometer rising.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.
Two fenders received from U.S.S. YANTIC at 4:15p.m. Liberty party ashore at 6:00 p.m. Light breeze to light air from north northeast. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Light air from northeast. Barometer rising

E. Sarvis
EnsignUSNRF-4 ess

8:00 p.m. to Midnight.
Frank B. Holter, MM2c returned from 8 days leave of absence at 8:40 p.m. Light air changing from northeast to southeast. Barometer steady. Liberty party returned with the exception of R. McGruder.

E. Sarvis
Ensign, USNRF-4 ess

Approved:
L. R. Lurtin
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Bowers
Lieutenant, USNRF-4 U.S.N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois TO ____, 12 May 1918, 191

L/ R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1	Chicago Ill.								S	2	29.30	78	46	44		bc	cis		2	
2									S	2	29.32	76	46	44		bc	cis		2	
3									S	2	29.32	72	44	42		bc	cis		2	
4									S	2	29.20	76	44	42		bc	cis		3	
5									S	1	29.30	74	44	42		bc	cisas		3	
6									S	1	29.29	72	45	43		bc	as		7	
7									S	1	29.28	70	45	43		bc	acu		8	
8									S	1	29.27	70	46	44		bc	cis		8	
9									S	1	29.26	70	48	46		bc	cis		8	
10									S	1	29.26	70	49	47		bc	cis		8	
11									S	1	29.23	70	52	50		bc	cis		8	
12									S	1	29.20	70	52	50		bc	cis		8	
P. M.																				
1									SE	1	29.20	70	60	58		bc	cis		7	
2									NE	1	29.20	70	60	58		bc	cis		7	
3									NE	1	29.16	68	62	60		bc	cis		8	
4									NE	1	29.14	68	58	56		co	as		10	
5									NE	1	29.15	80	55	53		co	n		10	
6									NE	2	29.16	73	52	51		co	as		10	
7									NE	1	29.17	75	51	50		co	as		10	
8									NE	1	29.17	75	49	47		co	a a		10	
9									EXS	1	29.17	75	51	49		co	as		10	
10									SE	1	29.17	78	40	46		c	as		10	
11									SE	1	29.15	76	50	48		c	as		10	
12									SE	1	29.13	76	50	48		c	as		10	

s.a.m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

s.p.m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

MAGAZINE TEMPERATURES:

Maximum ____

Minimum ____

Compass ____

S. H ____

Error ____

Variation ____

Deviation ____

Coal: Received ____ Expended 4600 On hand 154200

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended 224 On hand 2752

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ..... Essex ..... 11 May 1918 .....

REMARKS.

Commences and until 4:00 a:m.

Boiler "A" steaming for auxiliary purposes. Barometer rising. L Light breeze from south.

E Barnes
Ensign, USNRF-4 ess

4:000 a.m. to 8:00 a.m.

Crew turned to at 5:30 oj general field day, decks scrubbed, gear stowed away and bright work polished. Barometer falling slightly/ Light air from south.

E Barnes
Ensign? USNRF-4 ess

8:00 a.m. to Meridian

Crew engaged in field day until 10;15 a.m. Muster at 10:30 a.m. One absentee/ R. McGruder, MA3c, USNRF-4 At 10:40 a.m. Captain in company with Executive Officer inspected ship and crew. Passenger Alabama stood out of river at 11:00 a.m. Light south airs. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

U.S.S. YANTIC left coal dock and anchored off port quarters at 2:30 p.m. bearing Received from North Shore Fruit and Produce Co. 120 lbs butter. Hagaman C.H. S2c USN left ship on 13 day leave commencing 8 a.m. May 12th and expiring Noon May 25th. Weingand, H.W. Sea NNV left ship on ten days leave commencing 8 p.m. May 11th, and expiring 12 mid. May 21 st. Received 106 lbs. fresh beef haarts from Wilson & Co. Liberty party shoved off at 4:00 p.m. Light sirs from southeast shifting to southwest. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

Liberty parties shoved off at 4:30 and 5:00 p.m. Light northeast airs and breezes. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Barometer rising. Light breeze to light air from NE.

C. C. Crane Jr.
Ensign, USNRF-4 cec

8:00 p.m. to Midnight.

Light air from NE e by S & SE. Barometer falling. R. McGruder MA3c, USNRF-4 returned at 11:50 p.m. seventeen hrs. over leave from liberty. Permission given to pump bilges at 10:45.

E Barnes
Ensign, USNRF-4 ess

Approved:

L. R. Reuter
Lieutenant Commander, NNV
Commanding Officer,

Examined:

J M Dawson
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago TO _____, 12 May 1918, 191

L. R. Rutter, Lieut. Comdr. NNV, _____, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NE	1	28.99	79	47	46		cod	n		10	
2									EXS	SE 1	28.96	78	48	46		cod	n		10	
3									SE	1	28.97	78	51	49		cod	n		10	
4									EXS	1	28.98	76	49	47		cod	n		10	
5									NE	2	28.98	77	48	46		cor	n		10	
6									NE	2	28.98	78	54	52		cor	n		10	
7									N	2	29.02	80	55	53		cor	n		10	
8									N	1	29.05	80	53	51		cor	n		10	
9									N	1	29.05	78	51	48		com	as		10	
10									N	1	29.05	67	52	50		com	as		10	
11									N	1	29.05	68	53	51		cos	as		10	
12									N	1	29.06	67	53	51		cos	as		10	

Noon. Latitude _____ Longitude _____

P. M. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures: Maximum 68 Minimum 66

Compass _____ S. H. _____ Error _____ Variation _____ Deviation _____

Coal: Received _____ Expended 5500 On hand 148700

Fuel oil: Received _____ Expended 442 On hand 2310

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
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P. M.																				
1									SE	1	28.99	64	50	48		cod	n		10	
2									NXW	1	28.96	64	55	53		cod	n		10	
3									NXW	1	28.97	65	54	52		cod	n		10	
4									NXW	1	28.98	67	53	51		cod	n		10	
5									NXW	1	28.98	67	56	54		co	nicu		10	
6									NXW	1	28.98	66	54	50		co	nicu		10	
7									S	1	29.02	68	53	51		com	as		10	
8									S	1	29.05	67	50	46		com	as		10	
9									S		29.05	66	50	48		cof	as		10	
10									S		29.05	66	48	46		cof	as		10	
11									SW	2	29.05	65	50	48		cof	as		10	
12									SW	2	29.06	67	48	46		cof	as		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 12 May 1918.

REMARKS.

Commences and until 4:00 a.m.

Light air from NE EXS SE. Barometer falling. Stephens, J.D. Y1c, USN reported in from leave of absence at 12:15 a.m. Boiler "A" Steaming for auxiliary purposes. Started raining at 12:05.

E. Barnum
Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.

Crew turned to at 5:30, following out morning orders. Barometer falling until 7:00 and then started to rise. Light breezes changing from EXS to N. Liberty party returned with the exception of McGruder, R. MA3c RF-4.

E. Barnum
Ensign, USNRF-4

8:00 a.m. to Meridian

Muster a t 8:30 a.m. No absentees. Liberty party shoved off at 10:15 Visitors aboard. U.S.S. HAWK got underway at 11:37 a.m. Light north airs. Barometer steady rain and mist.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

U.S.S. HAWK headed in at 12:20 and moored forward alongside of dock. Keefe, A.C. SEa NNV returned aboard 45 minutes overlaeave. Light south airs. Barometer steady. Intermittent showers and mist.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

All visitors ashore at 5:15 p.m. Light north by west airs. Barometer steady. Occasional mist.

C. C. Crane Jr
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Light airs from the south. Barometer rising. Light intermittent showers.

C. C. Crane Jr.
Ensign USNRF-4 cec

8:00 p.m. ti midnight.

Light south airs shifting to light southwest breezes. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Approved:
R. R. Rucker
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Dowd
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago, Ill. TO 13 May 1918, 191

L.R. Rutter, Lieut. Comdr., NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.12	76	49	47		bc	acu		8	
2									SW	2	29.14	76	50	48		bc	cicu		4	
3									SW	1	29.16	75	50	48		bdf	cicu		5	
4									SW	1	29.16	73	50	48		bcf	acu		4	
5									SW	1	29.16	70	50	48		bc	as		4	
6									SW	1	29.18	74	49	48		bf	as		5	
7									W	1	29?20	72	48	47		cf	as		8	
8									W	1	29.22	70	50	46		cb	as		8	
9									W	1	29.23	76	52	48		bcs	as		3	
10									W	1	29.25	72	52	49		bcs	cis		3	
11									N	1	29.25	76	56	49		bcs	cis		2	
12									W	1	29·26	76	48	53		bcs	cis		2	
P. M.																				
1		Moored at chicago.							W	1	29·26	76	59	56		bcs	cis		4	
2									W	1	29.26	79	60	58		bcs	cicu		8	
3									SW	1	29.27	76	61	58		bcs	scu		8	
4									WXN	1	29·26	76	61	58		bcs	scu		9	
5									NW	1	29.27	76	60	58		com	as		10	
6									W	1	29·28	76	60	58		bcz	cs		8	
7									W	1	29·29	76	60	58		bcz	cs		7	
8									NW	1	29·28	76	6o	58		bc	cs		4	
9									WSW	1	29·33	78	55	58		bc	cis		3	
10									WSW	1	29.35	80	54	53		bc	cis		3	
11									SW	2	29.36	76	53	53		bc	cis		3	
12									SW	2	29.35	76	51	51		bc	cis		3	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 5500 / On hand 143200

Fuel oil { Received / Expended ~~5500~~ / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 24 May 1918.

REMARKS.

Commences and until 4:00 a.m.

Light to gentle airs fro m the southwest. Barometer rising. Boiler "A" in use for auxiliary purposes. Fog set in at 2:45 a.m. Intermittent rain throughout watch.

E. G. Lewis
Ensign, USNRF-4 GS

4:00 a.m. to 8:00 a.m.

Light air from southwest to west. Barometer rising. Morning orders carried out. Liberty party returned with the exception of J.E. Moen, Sprt. USN. Fog lifted at 4:25 a.m.

E. G. Lewis
Ensign, USNRF-4 FGS

8:00 a.m. to Meridian.

Light airs from west to east. Barometer rising. Crew engaged in general work, scraping gun-deck, bulk-heads. U.A.A. YANTIC underway and stood out of harbor at 10;55 Received Canteen stores. U.S.S. YANTIC stood in harbor and anchored at previously assigned berth. Rec. 100 lbs. frankfurters/ 100 lbs pork loins, from Oscar F. Mayer & Bros.

E. G. Lewis
Ensign, USNRF-4 GS

Meridian to 4:00 p.m.

Crew engaged in scraping paint on gun deck and cleaning rails fore anfd aft, chipping iron work, scraping and painting hammock nettings and recaulking forecastle. Ensign Lewis left the ship for Great Lakes, under orders from the Commandant 9th, 10th & 11th Naval Dist. U.S.S. YANTIC steamed out of harbor at 2:15 p.m. and headed 120° psc Rec. 389 lbs sauer kraut from Gilman & Wack, for Commissary. Light west airs shifting to west by north. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

U.S.S. ISLA DE LUZON steamed in andn moored to dock off starboard quarters, at 2:22 p.m. Rec. from Great Lakes Naval Station dry stores and 524 lbs. beef for commissary. Crew knocked off work at 4:45 Light variable breezes. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Barometer steady. Light air from W st to NW. Liberty party ashore at 6:00 p.m.

E. Barnes
Ensign, USNRF-4 ess

8:00 p.m. to Midnight.

Liberty patty returned. Barometer rising. Light air to light breeze from WSW to SW

E. Barnes
Ensign, USNRF-4 ess

Approved:

L. R. Cutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:

J. M. Bowers
Lieutenant, USNRF-1
U.S.S.V. Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago TO , 14 May 1918, 191

L.R. Rutter, Lieut. Comdr., NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.38	80	51	48		bz	cis		2	
2									W	1	29.40	80	50	47		bz	s		1	
3						–			W	1	29.40	79	50	47		bz	s		1	
4									W	1	29.40	78	48	46		bz	s		1	
5									W	1	29.46	78	50	48		bz	as		7	
6									NW.	1	29.45	78	50	48		bz	as		5	
7									NW	1	29.50	78	50	48		bcz	as		7	
8									SW	1	29.50	72	54	48		bcz	as		4	
9									SW	1	29.50	74	56	52		bcz	cis		5	
10						–			SW	1	29.50	74	60	54		bcz	cis		5	
11									W	1	29.50	76	62	58		bcz	cis		4	
12									W	1	29.52	78	62	60		bc				
P. M.																				
1									E	1	29.52	73	60	58			cis		10	
2									E	1	29.52	72	61	59			cis		10	
3									E	1	29.52	70	72	69			cis		10	
4									E	1	29.52	69	70	68		cb	cis		10	
5									SE	1	29.52	69	68	66		cb	cis		8	
6									SE	1	29.52	70	64	62		cb	cis		8	
7									SE	1	29.52	72	58	56		cb	cis		8	
8									SE	1	29.52	72	56	54		b	cis		8	
9									SE	1	29.52	78	56	54		b	cis			
10									SE	1	29.52	76	54	54		b	cis			
11									SE	1	29.52	74	52	52		b	cis			
12																				

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum 67
Minimum 65

Compass –
S. H
Error
Variation
Deviation

Coal. { Received / Expended 5400 / On hand 138000

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
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7		
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Lieutenant Commander, NNV
Commanding Officer.

Lieutenant, USNRF-1

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 14 May 1918

REMARKS.

Commences and until 4:00 a.m.
Barometer rising. Light air from SW to W. Boiler "A" steaming for auxiliary.

E Sarmus
Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. following out morning orders. Barometer steady. Light air from W to NW.

E Sarmus
Ensign, USNRF-4 ess

8:00 a.m. to Meridian.
Crew engaged in cleaning fore and aft rails, Painting forecastle deck chipping and scraping down gun deck and compass binnacles, miscellaneous painting and polishing. Received 40 lbs. cheese from Geo. Ehret Co. for commisary. Received from S. Houston & Son 90 lbs bananas for commisary. Received from Maurice Cohen 130 lbs. apples for commissary. Light south airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Morning work continued. Received from Irwin Bros. 115 lbs. pork loin for commissary. P. T. Hill, Bsmth, and two men reported from Great Lakes, Ill at 12:30 with ascetylene outfit to do work as directed. W.E. Lilly, SC2c USN left on 5 days leave of absence commencing 12:00 noon and expiring and expiring 8:00 a.m. 5/19. Light south and southwest airs. Barometer steady.

C. C. Crowe Jr
Ensign? USNRF-4 cec

4:00 p.m. to 6:00 p.m.
Liberty party ashore at 6:00 p.m. Barometer steady. Light air from south. Laundry received from Daily Co.

E Sarmus
Ensign? USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Barometer steady light air from southeast.

E Sarmus
Ensign, USNRF-4 ess

8:00 p.m. to midnight.
Barometer steady. Light air from southeast.

E Sarmus
Ensign, USNRF-4 ess

Approved:
L.R. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Dawson
Lieutenant, USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago, Ill TO ....., 15 May 1918, 191

L.R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									S	1	29.52	74	56	54		bc	cis		1	
2									S	1	29.52	74	53	51		bc	cis		1	
3									S	1	29.52	74	53	51		bc	cis		1	
4									S	1	29.52	74	54	52		bc	cis		2	
5									S	1	29.53	74	54	52		bc	cis		2	
6									S	1	29.53	72	54	52		bc	cis		4	
7									S	1	29.52	72	54	52		bc	cis		4	
8									S	1	29.52	72	54	52		bc	ci.		4	
9									S	1	29.51	72	52	60		bc	cis		3	
10									S	1	29.50	74	62	65		bc	cis		4	
11									S	2	29.50	76	68	65		bc	cis		5	
12									S	2	29.50	76	68	67		bc	cis		3	
P. M.													70							
1									S	2	29.49	80	72	70		bc	cis		4	
2									S	2	29.47	80	73	71		bc	cis		4	
3									S	2	29.46	80	75	73		bc	cis		4	
4									S	2	29.43	80	77	75		bc	cis		4	
5									S	2	29.43	80	74	72		bc	cis		3	
6									S	3	29.43	80	74	72		bc	cis		3	
7									S	3	29.43	81	72	70		bc	cis		3	
8									S	3	29.43	76	72	70		bc	cis		3	
9									S	2	29.43	70	68	66		bc	cis		3	
10									S	2	29.43	68	66	64		bc	cis		3	
11									S	2	29.43	68	64	62		bc	cis		3	
12									S	2	29.43	66	62	60		bc	cis		3	

a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:
Maximum 68
Minimum 66

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 15 May 1918

REMARKS.

Commences and until 4:00 a.m.

Boiler "A" steaming for auxiliary purposes. Light south airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.

Reveille 5:00 a.m. Crew turned to at 5:30 a.m. following out morning orders, scrub down spar and main decks. chipping paint from fidley, Exhaust pipe, chippinp paint from bulkheads of gun deck. Cutter being put in shape, gig being painted, and bright work polished. Light air to light breeze from south. Barometer steady.

E Sarvis
Ensign, USNRF-4 ess

8:00 a.m. to Meridian

Crew turned to at 8:00 a.m. Rec. 25 lbs. celery from Cohen and Co. and 300 lbs bread from Schultz Baking Co. Ensign, John S. Newberry, USRF. reported for duty from Great Lakes. Light Boiler # 2 . Light air to light breeze from south.

E Sarvis
Ensign, USNRF-4 ess

Meridian, to 4:00 p.m.

Crew continuing work of morning. Boiler "B" cut in at 1:45 p.m. Boiler B" cut out at 2:35 p.m. Rec. 4400 lbs. ice from the Consumers Ice Co. P. T. Hall, Bsmthlc and two men finished Acetylyn burning work and left ship for Great Lakes. at 3:30 p.M. Light south breezes. Barometer falling.

C. C. Crowe Jr
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

Crew knocked off work at 4:30 p.m. Liberty party shoved off at 6:00 p.m. Light ang gantle south breezes. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Barometer steady. Gentle breeze from the south.

E Sarvis
Ensign, USNRF-4 ess

8:00 p.m. to Midnight.

Search-light tested at 9:00 p.m. Liberty party returned with the exception of W. Prewitt, S2c and A.R. Moore, S2c Gentle breeze to light from the south.

E Sarvis
Ensign, USNRF-4 ess

Approved:
L. R. Cutter
Lieutenant Commander, NNV
Commanding Offider,

Examined:
J. M. Bauer
Lieutenant, USNRF. U. S. N., Navigator.

2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago TO ....., 16 May 1918 191

L. R. Rutter, Lieut. Comdr., NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSW	2	29.43	76	66	65		b				
2									SSW	2	29.43	75	65	63		b				
3									SSW	2	29.43	74	64	61		b				
4									SSW	2	29.43	75	63	61		b				
5									S	1	29.43	75	62	60		bcz	cis		3	
6									S	1	29.44	76	62	60		bcz	cis		3	
7									S	1	29.45	72	58	56		bcz	cis		4	
8									S	1	29.44	72	66	64		bcz	cis		4	
9									S	1	29.4	74	70	67		bcz	cis		4	
10									S	1	29.45	76	70	67		v z	cis		4	
11									S	1	29.45	76	70	68		bcz	cis		4	
12									S	1	29.46	76	70	72		bcz	cis		4	
P. M.																				
1									S	1	29.46	70	74	72		bc	acu		5	
2									S	1	29.45	70	76	74		bc	acu		5	
3									S	1	29.45	70	76	74		bc	acu		5	
4									S	1	29.45	70	76	74		bc	acu		5	
5									S	2	29.43	85	72	70		bc	cicu		4	
6									S	2	29.41	80	70	86		bc	cicu		6	
7									S	2	29.40	78	68	67		bc	cicu		5	
8									S	1	29.38	77	68	66		bc	ci		4	
9									S	1	29.35	75	67	64		bc	ci		3	
10									S	1	29.35	75	66	67		bc	ci		5	
11									S	1	29.35	74	65	66		bc	ci		6	
12									S	1	29.35	73	67	67		bc	ci		7	
													66							

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES.
Maximum 67
Minimum 66

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended 2.5 ton On hand 64.1 "

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 16 May 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler "B" steaming for auxiliary purposes. A.R. Moore, S2c and W. Prewitt, S2c reported aboard 2 hrs. over laeve. Light southwest breezes. B Barometer steady.

C. C. Crowe Jr
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 following out morning orders, clearing gear off spar-deck. Chipping paint on gun deck. Smoothing off tar paying on spar-deck. Light breezes from south. Barometer steady.

E Sarvis
Ensign, USNRF-4 ess

8:00 a.m. to Meridian
Scuttle but cleaned. Permission given to clean bilges. Machine brought aboard for sand-papering decks on trial. Trial not successful and machine returned. U.S.S. GOPHER got underway at 8:50 a.m. Received from Irwin Bros. 237 lbs. beef. Received from North shore produce Co. 249 lbs butter. Light south airs. Barometer steady.

E Sarvis
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Morning work continued. Receivee canteen stores. Received 100 lbs. beef liver from Wilson & Co. Light south airs. Barometer steady.

C. C. Crowe Jr
Ensign, USNRF -4 cec

4:00 p.m. to 6:00 p.m.
Crew knocked off work at 4:30 p.m. Received from J.H. Clark Hdwe. Co. 6 doz. Hammock hooks and 10 doz. hammock netting hooks. Received from Chas. W. Triggs Co. 100 lbs. fish. Received 10 gal. oil from Vacum Oil Co.

C. C. Crowe Jr
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Liberty party ashore at 6:00 p.m. Barometer falling. Light breeze to light air from south.

E Sarvis
Ensign. USNRF-4 ess

8:00 p.m. to midnight.
Light air from south. Barometer steady. 8:00 reports made all secure.

E Sarvis
Ensign, USNRF-4 ess

Approved:
L. R. Sutton
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Bowers
Lieutenant USNRF-1 U.S.N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago TO , 17 May 1918, 191

L. R. Rutter, Lieut. Comdr. USNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1				–					W	3	29.34	70	68	68		bc	cu		7	
2									W	3	29.34	70	69	68		bc	cu		6	
3									SW	2	29.35	70	70	68		bc	cu		8	
4									SW	2	29.35	70	70	68		bc	cu		7	
5		–							SW	2	29.35	70	66	68		bc	cu	–	8	
6									S	2	29.34	60	68	58		bcz	acu		8	
7									W	2	29.37	58	70	57		bcz	acu		9	
8				–					S	2	29.37	64	70	62		bcz	cis		8	
9									S	2	29.38	71	58	69		bcz	cis		7	
10									S	2	29.40	74	70	72		co	cis		8	
11									S	2	29.41	75	69	73		bcz	cis		4	
12									S	3	29.42	76	70	74		bcz	cis		5	

S. a. m. { Latitude / Longitude –

Noon. { Latitude / Longitude

S. p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures: Maximum 70, Minimum 68

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 5500 / On hand 122700

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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4		
5		
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9		

P. M.																				
1									S	2	29.37	78	68	65		bc	cu		5	
2									S	2	29.36	74	69	66		bc	cicu		5	
3									S	2	29.30	74	70	68		bc	acu		7	
4									S	2	29.30	76	70	68		bc	acu		8	
5									S	2	29.30	77	66	64		oc	scu		10	
6									SW	4	29.30	70	68	66		oc	cun		8	
7									W	2	29.31	70	70	68		oc	cun		7	
8									W	2	29.30	70	70	68		ocr	cun		9	
9									S	2	29.30	74	68	56		bc	cu		8	
10									SW	2	29.27	72	70	67		bc	cu		6	
11									S	2	29.29	74	69	67		bc	cu		8	
12									SW	2	29.26	74	70	67		bc	acu		8	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 17 May 1918.

REMARKS.

Commencing and until 4:00 a.m.
Boiler "B" steaming for auxiliary purposes. South west breezes shifting to light southwest Barometers steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 following out morning orders/ Scrub down both and gun decks, chip gun deck getting it ready for painting. Muster at 7:00 a.m. No absentees. Barometer steady. Light breezes from south.

E S Sarvis
Ensign, USNRF-4 ess

8:00 a.m. to Meridian.
Crew engaged in general work. Rec. 700 bls bread. U.S.S. ISLA DE LUZON underway at 9:29 a.m. U.S.S. YANTIC underway at 9:47 a.m. Shower at 10:37. Rec. 100 lbs. hamburger. Bilges pumped a t 10:50 U.S.S. YANTIC sighted at 11:40 Light breezes from the south. Base balls and gear received from Wilson and Co. for the crew. Barometer steady.

E. S. Sarvis
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
U.S.S. YANTIC came to the harbor at 12:30 and secured to dock at 12:50 . Crew turned to at 1:oo p.m. and continued morning orders. Cut in "A" boiler at 1:55 p'm. Cut out boiler "B" at 2:30 Rec. 50 bunches of asparagus. Rec. 110mgal. gasolene from Texas Oil Co./ Rec. canteen storss. Light breezes from the south.

John Stenberg
Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
Life buoy and magazine flood cocks tested nand found inn good working order. Rec. from M.J. Powers 60 doz. eggs. Rec. from Web Bros. & Co. 1500 printed forms for G.S.K. Dept. Showers from 5:45 to 6:00 p. m Light south & south west breezes. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
U.S.S. GOPHER anchored in har bor at 6:27 p.m.

E S Sarvis
Ensign, USNRF-4 ess

8:00 to midnight.
Stopped raining at 8:20 Light SW breezes . Lib erty party returned at 12:00 except Berg, R. C. sea Barometer falling.

John Stenberg
Ensign, USNRF-4 jsn

Approved: L. R. Sumner
Lieutenant Commadmer, NNV
Commanding Officer

Examined: J. M. Dawson
Lieutnant , USNRF-1v., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago TO , 18 May 1918, 191

L. R. RUTHER, Lieut. Comdr. NAV, U. S. Navy, Commanding.

Hour	Revolutions	Steaming	Distance Run	Steaming	Average Revs.	Steaming	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Reading at Sea Level	Barometer: Ther. Att.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbol	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A.M.																				
1		Moored at Chicago.							SW	3	29.25	75	70	68		cc	scu		10	
2									SW	3	29.23	74	70	68		hc	scu		8	
3									SW	3	29.23	75	70	68		cc	scu		10	
4									SW	4	29.22	75	70	68		cc	scu		10	
5									W	4	29.24	74	70	68		cc	scu		8	
6									SW	3	29.25	74	70	68		cc	cicu		7	
7									SW	3	29.25	74	70	68		sc	cicu		9	
8									S	3	29.24	74	70	67		cc	scu		9	
9									SW	3	29.23	74	75	73		hc	scu		7	
10									W	3	29.25	76	78	77		hc	cis		3	
11									SW	2	29.25	81	70	68		hcz	cis		3	
12									SW	2	29.27	82	72	70		hcz	cis		2	

Latitude
Longitude

Latitude
Longitude

Latitude
Longitude

Current: Set
Drift

Magnetic Temperature: Maximum 70, Minimum 69

Compass
S. H.
Error
Variation
Deviation

Coal: Received, Expended 5200, On hand 117800

Fuel Oil: Received, Expended, On hand

Water: Distilled, Received, Expended, On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P.M.																				
1		No red at Chicago.							SW	2	29.27	80	80	78		hcz	cis		2	
2									SW	2	29.27	80	80	78		hcz	cis		2	
3									SW	2	29.27	81	81	79		hcz	cis		2	
4									SW	2	29.27	81	81	79		hcz	cu		2	
5									SW	1	29.25	80	80	77		hcz	cu		3	
6									SW	1	29.25	80	80	77		hc	ss		4	
7									SW	1	29.23	84	78	75		hc	scu		5	
8									SW	1	29.19	82	78	75		hc	cu		7	
9									SW	2	29.19	82	78	75		hc	cu	7		
10									SW	2	29.20	76	74	72		hc	cu		8	
11									SW	2	29.19	74	72	70		hc	cu		8	
12									SW	2	29.19	74	72	70		hc	cu		5	

SW
S

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 18 May 1918

REMARKS.

Commences and until 4:00 a.m.
Boiler "A" steaming for ausinliary purposes. G.W. Wood, PAS called to attend C.E. Reidenbach, on board U.S.S. COMMODORE. Gentle to moderat southwest breezes. Barometer falling.

C. C. Crane Jr.
Ensign. USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Liberty party aboard with the exception of J.H. Jennings, Cab-std. Turned to at 5:30, painting and chipping decks, holystoning spar deck, washing netting cloths, red leading gun ports, scrubbing gun decks, repairing rigging All bright work polished. Barometer fluctuating. Moderate breeze to fresh breeze from west to southwest to south.

E. S. Sarvues
Ensign, USNRF-4 ess

8:00 a.m. to Meridian.
Crew turned to corrying out morning orders. Received 300 lbs. bread from Schultz. one bbl. crockery 90 lbs. for C.P.O. from Sears Roebuck. Received 100 lbs. frankfurters from Oscar Mayer. At 10:00 a.m. made report to S.O.P. one absentee. one sick/ 0 in hospital. 25 Brick ice cream received, from Goodwin Ice Cream Co., and returned to e delivered Sunday. Boiler No/ 1 blowed down at 10:55 a/m/ Made twelve o'clock reports. Paymaster Wright ash re until Monday. Light west winds.

John Shreibenz
Ensign, qUSNRF-4 jan

Meridian to 4:00 p.m.
Morning work continued. Received one ton ice machine from Great Lakes. Received 3000 lbs. ice from the Comsumers Ice Co. Received one pair shears from the J.H. Clark Hdwe. Co. Received 100 lbs. sausage from Swift & Co. Received 1- 15 RN electric generator from U.S.S. COMMODORE. Light southwest breezes. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00p.m.
One box electric supplies received from Western Electric Co. Received 2000 lbs. potatoes from S. Houston, 118 lbs. Chicken fromIrwin Bros., 6 quarters beef, 1129. lbs pork loin, 200 lbs. 200 lbs ham. Liberty party ashore at 5:50. Light southwest breezes Barometer steady.

John Shreibenz
Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p:m.
Barometer falling. Light air from southwest. Crew turned to at 6:00 hoisting generator and Dutchman on board. Received generator from Great Lakes. Received from Cook & Chick Co. 1 Dutchman.

E. S. Sarvues
Ensign, USNRF-4 ess

8:00 p.m. to midnight.
Hoisted Dutchman from propeller shaft and sent same with CMM and two men to Cook & Chick Co. to be redrilled. Light southwest airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Approved:
P. R. Rutter
Lieutenant, Commander, NNV
Commanding Officer.

Examined:
J. M. Dawson
Lieutenant USNRF-1 N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago, Ill TO 29 May 1918. 191

L.R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1			Moored at Chicago, Ill						SW	2	29.19	72	68	66		bc	cu		5	
2									SW	2	29.16	72	64	62		bc	cis		5	
3									SW	2	29.16	72	64	62		bc	cis		5	
4									SW	2	29.14	74	64	62		bc	cis		5	
5									SW	1	29.12	73	64	62		bc	cis			3
6									SW	1	29.12	72	64	61		cho	cis		10	
7									SW	1	29.12	70	65	63		ch	cis		8	
8									SW	1	29.15	70	67	64		cl	as			8
9									SW	1	29.15	70	67	64		bc	as		8	
10									SW	1	29.15	70	68	66		bc	cicu			7
11									SW	1	29.15	70	68	66		bc	cicu			7
12									S	1	29.16	70	68	66		bc	cu			7
P. M.																				
1									S	2	29.12	73	67	65		bc	cu		8	
2									S	2	29.11	71	68	66		bc	cu		8	
3									SXE	4	29.01	77	79	74		bc	cu		8	
4									S	4	28.98	78	76	74		bcz	cu		10	
5									SXW	4	29.01	80	78	76		cz	scu		10	
6									SXW	5	29.00	76	79	74		crzl	cun		10	
7									S	4	28.98	76	76	73		czrl	cun		10	
8									S	4	29.02	76	75	62		crl	cun		10	
9									SW	2	29.04	74	68	62		cor	cun		10	
10									SW	2	29.06	74	64	58		cot	cun		10	
11									SW	2	29.05	68	60	58		cor	cun		10	
12									SW	2	29.07	69	60	57		oc	scu		10	

Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current: Set	
Current: Drift	

MAGAZINE TEMPERATURES:
Maximum 72
Minimum 70

Compass	
S. H	
Error	
Variation	
Deviation	
Coal: Received	
Coal: Expended	
Coal: On hand	
Fuel oil: Received	
Fuel oil: Expended	
Fuel oil: On hand	
Water: Distilled	
Water: Received	
Water: Expended	
Water: On hand	

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 19 May 1918.

REMARKS.

Commences and until 4:00 a.m.
Barometer steady. Light breeze from southwest. Boiler "A" steaming for auxiliary purposes.

E S Sarvent
Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders. Scrub down both decks, slush sides and clean scuppers, paint gun deck. Muster of the crew at 7:00 a.m. Signal from the GOPHER, uniform for the day. White service caps and blue dress for the officers, and white hats and blue dress for the men. Light southwest breezes. Barometer steady.

John S Heusburg
Ensign, USNRF-4 jsn

8:00 a.m. to Meridian
Crew engaged in painting gundeck, beaching anchor chain, polishing bright-work and padding boat cradles. Rec. from Goodman American Ice Cream Co. 25 bricks ice cream. Light southwest to south airs. Barometer steady.

C. C. Crandall
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Part of crew engaged in taking anchor chain to COMMODORE. Hammock hooks painted. Dutchman aboard at 1:15 p.m. Cradles padded. Barometer falling. Light breeze to moderate breeze from the south.

E S Sarvent
Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.
All visitors ashore at 5:00 p.m. Strong southwest winds. Barometer rising.

John S Heusburg
Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
Begun to rain at 6:00 p.m. Stopped at 6:25 Light south wind. Thunder squalls with rain at 6:45 p.m. Barometer steady.

John S Heusburg
Ensign, USNRF-4 jsn

8:00 p.m. to Midnight
Moderate breeze to light breeze from south and southwest. Barometer rising. Stopped raining at 11:30

E S Sarvent
Ensign, USNRF-4 ess

Approved: L. A. Cunn
Lieutenant Commander, NNV
Commanding Officer

Examined: J. M. Power
Lieutenant, USNRF-1, Navigator.

←2899

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP USSEX

AT OR EN ROUTE FROM Chicago TO _____ 20 May 1918. 191

L. B. Rutter, Lieut. Comdr., USNV, U. S. Navy, Commanding.

Hour	Sails Set	Sails Furled	Sails Loosed	Sails Hauled	Sails Double Reefed	Sails Single Reefed	Sails Close Reefed	Engine Orders	Course	Wind: Direction	Wind: Force	Barometer: Reduced to Sea Level	Barometer: Corr. for Temp.	Temperatures: Dry Bulb	Temperatures: Wet Bulb	Temperatures: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Movement	Clouds: Amount	Rm.
A.M.																					
1	Moored at Chicago, Ill									SW	2	29.07	67	60	57		oc	scu		10	
2										SW	2	29.10	67	61	58		oc	scu		10	
3										WSW	1	29.13	72	62	58		oc	scu		10	
4										W	1	29.18	73	63	59		oc	scu		10	
5										NW	1	29.19	72	62	60		oc	scu		10	
6										NW	1	29.22	70	61	59		occ	scu		8	
7										NW	1	29.25	70	61	59		occ	cisu		7	
8										NW	1	29.26	70	61	59		occ	cicu		7	
9										N	2	29.30	68	60	58		cc	ac		5	
10										N	1	29.32	70	62	58		cc	cicu		4	
11										N	1	29.35	70	64	60		bc	cicu		3	
12										N	1	29.37	72	60	62		bc	cicu		3	

Latitude
Longitude
Latitude
Longitude
Latitude
Longitude
Current: Set
Drift

Maximum Temperature: 73
Maximum 71
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received
Expended 4400
On hand 106400

Fuel oil: Received
Expended
On hand

Water: Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P.M.	Sails Set	Sails Furled	Sails Loosed	Sails Hauled	Sails Double Reefed	Sails Single Reefed	Sails Close Reefed	Engine Orders	Course	Wind: Direction	Wind: Force	Barometer: Reduced to Sea Level	Barometer: Corr. for Temp.	Temperatures: Dry Bulb	Temperatures: Wet Bulb	Temperatures: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Movement	Clouds: Amount	Rm.
1										SE	1	29.38	67	53	51		bc	cis		3	
2										SE	1	29.38	64	60	58		bc	cis		3	
3										E	1	29.38	67	58	56		bc	cis		4	
4										ESE	1	29.38	69	65	63		bc	cis		5	
5										E	1	29.39	70	70	68		bc	ci		7	
6										SE	1	29.37	70	70	68		bc	ci		8	
7										SE	1	29.40	70	70	68		bc	ci		8	
8										SE	1	29.41	70	70	68		bc	ci		8	
9										SE	1	29.44	74	64	62		bc	ci		6	
10										SE	1	29.46	74	54	52		bc	ci		5	
11										SE	1	29.45	70	50	48		bw	ci		5	
12										SE	1	29.45	70	48	46		bc	ci		5	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 20 May 1918.

REMARKS.

Commences and until 4:00 a.m.

Moderate southwest breezes. Barometer rising.. Rain, showers. Wind shifted to west at 3:30 a.m. Boiler"A" steaming for auxiliary purposes.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.

Crew turned to at 5:30 a.m. carrying out morning orders. Sweeping and wetting down top-side, paddi g boat cradles. Men to be transferred scrubbing hammocks, bags and clothes. Liberty party aboard at 6:00 a.m. Cafeteria service at mess tried aout successfully. Light northwest airs. Barometer rising.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian

Light air from the north. Barometer rising. W.E. LiLLy SC2c returned from 5 days leave. The followingnnamed men transferred to U.S.S. WOLVERIN E IN ACCORDANCE WITH Commandant's letter dated May 16th. : Schipplock, W.T. WT, NNV, Hopkins, D.V. MM2c, USNRF-4 Glaser, A.A. SFlc, USN . Received C&R stores from John Manville Co.

Ensign, USNRF-4 GS

Meridian to 4:00 p.m.

Crew turned to at 1:00 p.m. carrying out morning orders. Received 1 box medical supplies. 2 drums of shellac, 1 bale of canvas. 2 coils signal halyard. 1 box of bolts, nuts & batteries, recd from Great Lakes. U.S.S. YANTIC left for coal dock at 1:55 Received 50 shovels from Great Lakes. One box sockets from McCord Mfg. Co. U.S.S. YANTIC left coalldock and stood out in lake. Received one case lantern globes from Web Mfg. Co. Three sheets Asbestos board from John Manville Co. Light airs from east Barometer steady. Rec. 1 Whale Boat from U.S.S. YANTIC in bad condition. at 1:55 p.m.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.

Crew knocked off work at 4:30 p.m. U.S.S. YANTIC stood in and moored to dock at 4:15 p.m. U.S.S. MAWK stood in and moored to dock near bow at 5:00 p.m. Received from Western Electric Co. 2 static switch boxes in exchange for smaller ones. Light east airs. Barometer steady.

Ensign, USNRF-4 cec

6:00p.m. to 8:00 p.m.

Draft of men were paid off and left for Commodore at 7:30

Burns, W.D.	S2c	Pleasant, O.D.	Y3c	Winkler, A	S2c
Russell, J.	S2c	Durfey, F.E.	S2c	Thomson, H.G.	S2c
Measel, M.M.	S2c	Howard, B.A.	S2c	Knox, A.E.	S2c
Aldinger, F.A.	S2c	Moore, A.R.	S2c	Strupe, G.H.	S2c
Binger, C.L.	S2c	Prewitt, W.	S2c	Westermann A.C.	S2c
Johnson, L.E.	S2c	Covington, E.J.	MA3c	Berg, R.C.	Sea
Behnke, AC.	S2c	Leece, J.B.	F2c	Prater, R.F.	F2c
Augustine, C.C.	s2c	Somers, E.R.	F2c	White, M.	Bmkr
Munson, B.	S2c	Emillia, V.C.	Wr-Std	Strom, C.E.	S2c

Light air from E-SE. Barometer rising.

Ensign, USNRF-4 ess

8;00 p.m. to midnight.

Made 8:00 reports. All liberty party returned except Smith, C.W. PM3c Cutting, I. E. Wheeler, E. MAlc. Light air from SE Barometer steady Smith returned 11:35 p.m.

Ensign, USNRF -4 jsn

Approved:

Lieutenant Comdr. NNV
Commanding Officer.

Examined:

Lieutenant, USNRF-1 U. S. N. Navigator.

2509

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Ill. TO 21 May 1918., 191

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Moored at Chicago ILL.								SE	1	29.43	67	50	47		bc	cis		4	
2									SE	2	29.43	69	46	45		bc	cis		2	
3									EE	2	29.43	68	45	43		bc	cis		1	
4									E	2	29.41	69	44	42		bc	cis		2	
5									O	-	29.42	70	50	57		bc	cis		2	
6									SE	1	29.48	72	52	59		bc	cis		2	
7									SXE	1	29.43	68	53	51		bc	cis		9	
8									E	1	29.44	69	54	52		bc	cis		8	
9									E	1	29.44	71	56	54		c	cis		10	
10									E	1	29.44	67	56	54		cz	cis		10	
11	32	6	3	6	65	6	450510		NE	2	29.44	70	56	54		cz	cis		10	
12	12	2	8	6	82	2	455440		NE	2	29.45	74	52	50		cz	as		10	
P. M.																				
1	20	8	8	6	81.	7	460340	322°	NE	2	29.45	72	50	48		oc	as			
2	25	2	5	6	70.	8	462816	270	SE	2	29.44	70	52	50		uo	as			
3	Anchored off Great Lakes ILL.								SE	3	29.40	70	50	48		cb	as			
4									SE	2	29.36	70	48	46		cb	as			
5									SE	3	29.24	72	50	48		bc	as			
6									SE	2	29.22	72	50	46		bcz	as			
7									SE	2	29.19	72	49	47		bcz	cis			
8									SE	2	29.19	65	52	50		bcz	cu			
9									SE	2	29.18	67	57	54		bcz	cu			
10									SE	2	29.19	68	56	53		bcz	cu			
11									SW	3	29.22	70	64	60		rl	ni			
12									WNW	2	29.30	71	64	60		rl	ni			

8 a. m. Latitude ..... Longitude .....

Noon. Latitude ..... Longitude .....

8 p. m. Latitude ..... Longitude .....

Current Set ..... Drift .....

Magazine Temperatures: Maximum 73 Minimum 72

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. Received 120 tons; Expended 6.2; On hand 168.1

Fuel oil. Received ..... Expended ..... On hand .....

Water. Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
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9		

(This page to be sent to Bureau of Navigation monthly.)

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ADDITIONAL SHEET.

U. S. S. ESSEX Date 21 May 1918., 191

6:00 p.m. to 8:00 p.m.
Light south winds. Barometer steady. Bearing on tower, Administration building, 8:00 p.m. 289o psc.

Ensign, USNRF-4 jsn

8:00 p.m. to Midnight.
Started raining at 10:30 p.m. and continued with short lulls throughout watch. Hailing at 11:05 p.m. for ten minutes. Variable breezes shifting from southeast to southwest at 1040 p.m. and to west northwest at 11:15 p.m. Barometer rising.

ENSIGN? USNRF-4 cec

Approved:

Lieutenant Commander, NNV
Commanding Officer.

Examined:

Lieutenant USNRF-1 *U. S. N., Navigator.*

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(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 21 May 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler "A" steaming for auxiliary purposes. Eugene Wheeler, MAlc reported aboard at 12:25 a.m. Light southeast airs and breezes shifting to east. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8 :00 a.m.
Crew turned to at 4:30 getting gear ready for coaling ship. Let off # 2 boiler at 5:00. Bilges pumped at 4:15 a.m. Crew engaged in rigging coaling gear, Made all preparations for getting under way. Singled out all lines at 7:25. Cast off from dock at 7:33 a.m. Secured alongside of Pittsburg coal dock, north side of Chicago river at 7:55 a.m.

E. G. Lewis
Ensign, USNRF-4 GS

8:00 a.m. to Meridian
Light airs to gentle breezes from east to north east. Barometer rising. Commenced coaling at 8:00 a.m. Draft forward 12 ft. 10 in. aft 15 ft. 6 in. U.S.S. GOPHER underway standing out of harbor at 8:05 Finished coaling at 9:15 a.m. having taken aboard 120 tons of coal. Draft forward 13 ft. 8 in., aft, 16 ft. 2 in. At 10:00 a.m. cast off from coal dock. Underway and stood out of Chica o harbor, with U.S.S. YANTIC in column, distance 400 yards. Steering various courses, Capt. Conning. Abreast of Carter Harrison crib at 10:27 a.m. Put out PL r O Standard speed 8 knots. Course 351° psc. Standard speed at 10;55 U.S.S. YANTIC in position. Abreast of Rogers Park stand pipe at 11:16 PLR 5.7 CC to 322° psc at 11:20 PLR 6.5 45° bearing on Grosse Pt. light. PLR 7.9 at 11:32. Abeam of Grosse Pt light at 11:48, PLR 10/3 av. steam 187 lbs. av. rev. 173.9 Miles made good for watch 18.1

E. G. Lewis
Ensign, USNRF-4 GS

Meridian to 4:00 p.m.
Emptied water tanks and took on 1472 gal. at 12:00 noon Steaming standard speed course 322° psc. Took bearing on Revinia Water tank 3.4 mi. distant when abeam at 12:34 p.m. Took bearing on Ft. Sheridan Tower 3.1 mi. distant when abeam at 1:00 p.m. Slowed down to half speed at 1:35 p.m. PLR 24.8 knots. Soundings taken. Changed course to 270° at 1:35 p.m. and pulled in PL reading 25.2 k. Dropped anchor at 3:42 p.m. in 3 1/2 fathoms of water, 20 fathoms shackle of starboard anchor chain to water's edge. Ship' head swinging between 125° and 133° psc U.S.S. YANTIC anchored at 1;44 p.m. bearing foremast 267o psc. Bearing on Waukegan light 6° psc. and Administration Building Tower 292° psc. Steam kept on engines throttle. Announcement of arrival wirelessed to Great Lakes. Av. steam 180 lbs. av. revolutions 70.8 Miles made good for watch 15. Drift head put over side. All hands turned to at 2:00 p.m. and engaged in general field day. A.C. Keefe, Sea NNV and J.F. Konn, Sea2c USN taken ashore and transferred to hospital. E.R. Lesher, S2c USN taken ashore at 2:30 p.m. to have X-ray taken of knee. Ship drifting slightly at 2:45 p.m. 10 fathoms more chain out. U.S.S. GOPHER sighted off 2 points forward of port beam at 3:55 p.m. Light northeast breezes shifting to light and moderate southwast breezes. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 5:00 p.m.
Lieut. (jg) G. L. Holsinger, USNRF-1 reported for duty, at 4:40 Weighed anchor at 5:07 p.m. underway. Dropped anchor at 5:18 p.m. in 3 3/4 fathoms of water, 30 fathoms of chain at waters edge. Ship heading swinging from 105° to 135° Bearing on Waukegan light 356° psc. Windmill on port side 233°psc. Bearing on Administration Building 287o psc. Barometer falling. Light breeze to gentle breeze from southeast.

E. G. Lewis
Ensign, USNRF-4 es

Approved:
L. R. Lunn
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Dawson
Lieutenant, USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes Ill TO , 22 May , 1918

L.R. Rutter Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.	Moored off Great Lakes ILL.								SE											
1			-						SE	1	29.32	74	46	44		rain	cun		10	
2									SE	1	29.32	74	46	44		rain	cun		10	
3									SE	1	29.32	74	50	48		ocz	cun		10	
4									SE	1	29.26	74	50	48		ocz	cun		10	
5									SE	2	29.35	75	52	50		bc	cun		9	
6									SE	1	29.35	78	56	55		bc	cis		6	
7									S	1	29.34	73	60	58		bc	cis		4	
8									SXW	1	29.34	70	66	64		bc	as		6	
9									SXW	1	29.37	77	71	67		bc	cis		9	
10									SXW	1	29.37	76	70	66		bc	ass		9	
11			-						SW	1	29.38	76	72	70		bc	cis		9	
12									SW	1	29.38	76	73	71		bc	cis		9	
P. M.																				
1									WNW	2	29.40	77	74	72		bc	cu		8	
2									WNE	1	29.41	77	74	72		bc	cu		8	
3									NW	2	29.42	79	70	68		bc	acu		8	
4									NW	2	29.42	79	70	66		bc	cicu		9	
5									NW	4	29.42	76	70	68		bc	cicu		7	
6									NW	3	29.43	76	70	68		bc	cicu		8	
7									NW	2	29.42	76	70	68		bc	cicu		7	
8									NW	1	29.43	76	70	68		bc	cicu		8	
9									NW	2	29.43	77	63	61		bc	acu		3	
10									NW	2	29.43	70	60	58		bc	acu		1	
11									NW	2	29.44	69	62	60		bc	cis		1	
12									NW	2	29.47	74	60	58		bc	ci		1	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 74
Minimum 73

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 15100 / On hand 321000

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
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9		

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 22 May, 1918

Meridian, to 4:00 ;p.m.
The following small stores were received from Great Lakes, and inspected 7 bars Babbitt Metal, 1 crate asbestos millboard, 1 case metal polish, 10 drums paint, 12 bolt canvas, 1 box fittings, 1 coil wire, 1 box bowls, 1 box plates, 2 box cups, 1 box muriatic acid, 2 boxes electrical supplies, 1 pkg books, 53 cases salt- water soap, and soap powder/ Twenty bags of sand from Training station/ Received 12 cartons of cigaretts from canteen/ Light breeze to light air from NW. Barometero rising.

E. S. Barnes
Ensign, USNRF-4 ESS

4:00 to 6:00 p.m.
Received 50 rifles, belst and bayonets in scabbords, Received 33 boards. Light northwest airs. Barometer steady.

John S. Newberry
Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
A. Bauer, S2c, and J.D. Crabb, S2c returned to Great Lakes, at 6;15 Received lumber from Great Lakes, Received G.S. K. Stores from Great Lakes Shortage checked and recorded. All Officers assembled at 7:30 p.m. and given advice and address by Executive Officer regarding ship's routine and instruction of crew. Light breezes and northwest airs. Barometer steady.

C. C. Crowell Jr.
Ensign, UWNRF-4 cec

8:00mp/m. to 12:00 p.m.
Boilers one and two steaming for auxiliary purposes. 8;30 Whale boat delivered to Great Lakes, boat house and signed for. Received from C&R dept. Great Lakes, 2 hammers, 12 hammer handles, 1 valve 500 lbs. white lead. 100 lbs. red lead. 1 box pipe fittings. Light air to light breeze from North west. Barometer steady.

E. S. Barnes
Ensign, USNRF-4 ess

Approved:
P. R. Ruter
Lieutenant Commander, MNV
Commanding Officer

Examined:
J. M. Dawes
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex

REMARKS.

Commences and until 4:00a a.m.
Heavy fog at 2:50. Cleared up at 3:30. Stopped raining at 3:00. Started raining at 3:40. Light air from SE. Barometer rising from 1:0, t 3:00 and started to fall at 3:45.

Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
All hands turned to at 5:00 a.m. carrying out morning orders, scrubbin hammocks, clews and lashings. H.W. Weingand, Sea. returned from ten days leave at 7:50 Light SE air. Barometer rising.

Ensign, USNRF-4 jan

8:00 a.m. to Meridian.
All hands engaged in scrubbing hammocks, sea bags, mattress covers and clothes. Received for training draft of men from Great Lakes, consisting of the following named men from the Gunners Mates school: J. L. Hiatt, Gunner in charge:

Abele, A.C.	Carlin, F.A.	Easley G.C.
Anderson, D.M.	Childd R.J.	Ellison, R.F.
Anderson, S.R.	Cihla, A.B.	Ewert, G.E.
Aveningo, A.J.	Clark, R.G.	Eyrich, E.V.
Banner, W.J.	Classen, G..	Gillispie, J.R.
Barron, J.B.	Cleaver, R.G.	Magnuson, A.E.
Bartlett, H.E.	Collins, Jr/ A.J.	Irwin, H.F.
Boeck, E.W.	Cooper, D.	L'Malley, A.C.
Botkin, S.M.	Cunio, S.E.	Peters, C.E.
Branson, J.P.	Curry, F.J.	Predmore, H.B.
Brains, H.L.	Daniels, D.R.	Quackenbush, D.B.
Bormus, C.C.	Davis, J.C.	Schultz, G.H.
Bruggeman, M.C.	Didier, C.	Smith, R.B.
Bryant, H.A.	Donahue, J.J.	Wittine, H.W.
Callahan, J.E.	Duffy C.L.	Hill, J H.

The followin named men were received from the Quartermaster's school, in charge of F.S. McCartney, QM3c:

Allen, F.E.	Bennett, J.W.	Dunwoody, N.R.	Jacobs, R.W.
Abernathy, M .E.	Bullis, G.L.	Frederickson, A.E.	Johnson, R.B.
Bergovin, L.H.	Clyde, E.J.	Foss, M.W.	Krueger, Wm.
Bauer, A.G.	Clark, J.S.	Gunter, A.	Dungar, Lee
Brown, R.J.	Clark, O.E.	Gable, J.P.	Lindholm J.D.
Bittner, W.F.	Cushman, F.E.	Garrison, L.	Larson, S.P.
Binder, J.E.	Covey, E.F.	Hackett, J.M.	Mooney, C.E.
Belford, D.	Clark, J.S.	Harlon, J.S.	Schwab, L.S.
Batson, R.A.	Campbell, O.R.	Hill, R.J.	Pachar, A.J.
Birdwell, C.G.	DeWitt, C.W.	Higgins, H.A.	
		Hebert, C.M.	

The following named were received from the Coxswain's school in charge of A. Luchin, Cox. :

Anthony, E. W.	Fogerty M.J.	Patterson, F.D.	Luecking, M.A.
Bailey, H.R.	Foley, M.J.	Kelly, W.M.	McKinley, W.D/
Blaylock, F.R.	Flanner, K.	Jobe, J.A.	Marriot, J.S.
Carlson, F.E.	Gallagher, J.D.	Karst, E.	Mauck, S.
Chase, J.E.	Goble, C.B.	Kissick, W.G.	Myres, R.E.
Callahan, E.	Gossi, B.B.	Long, S.R.	Mitchell, B.
Covington, H.M.	Hamilton, R.A.	Larsen, T.H.	Olson, G.
Crabb, J.D.	Havelka, F.J.	Larson, E.N.	Past, G.
Dahlman, R.A.	Hill, R.	LaForge, G.W.	Patterson, W.S.
Dale, S.G.	Jackson, J.F.	Long, W.O.	Payne, L.M.
Davis, M.J.	Jewett, C.R.	Lynch, C.	Allen, D.S.
Dunalap, F.			

Underway at 10:40 to shift anchor nearer shore? Dropped anchor at 11:15 in 3 fathoms of water with 24 fathoms of chain to waters edge, and took sounding around ship. Waukegan Harbor light bearing 10° PSC. Administration Building tower, 30° psc Northern windmill 220 psc. Small stores received alongside at 11:20 Hammocks nettings cleaned and put in first class shape? Light SxE airs/ Barometer steady.

Ensignm USNRF-4 cec

Approved:

Lieutenant Commander, USNV
Commanding. Officer.

Examined:

Lieutnenant USNRF-1

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO , 23 May 1918, 191

L.R. Rutter, Lieut. Comdr. USN, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Tens. Mi.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A.M.																				
1	Anchored at Great Lakes, Ill.								NW	1	29.49	75	61	59		b	as			
2									NW	1	29.50	74	59	57		bz	as			
3									NW	1	29.50	72	55	53		bz	as			
4									NW	1	29.51	71	54	52		bx	as			
5									NE	2	29.55	70	54	50		bc	as		10	
6									NNE	2	29.57	70	54	50		bc	as		8	
7									NNE	2	29.57	70	52	50		bc	as		9	
8									NNE	2	29.57	71	53	53		bc	cis		6	
9									NE	2	29.62	67	50	48		bc	cis		5	
10									NE	2	29.62	71	54	52		bc	cis		5	
11									N	2	29.65	64	55	54		bc	cis		5	
12									N	2	29.65	64	55	56		bc	cis	3		

Lat. & Long. at Noon: Latitude / Longitude

Lat. & Long. at 8 P.M.: Latitude / Longitude

Current: Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass / S. H / Error / Variation / Deviation

Coal: Received / Expended / On hand

Fuel Oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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4		
5		
6		
7		
8		
9		

P.M.	Lat.		Long.																	
1									N	2	29.65	66	50	48		bc	cis		2	
2									N	2	29.64	65	50	48		bc	cis		3	
3									NE	2	29.63	60	50	48		bc	cis		4	
4			4	5	69	7	468090		NE	2	29.62	66	49	46		bc	cis		4	
5	8	4	13	9	69	0	476210		NE	2	29.59	73	48	46		bc	cis		4	
6	6	1	20	0	90	0	477710		NE	2	29.57	71	46	44		cz	as		8	
7	1	2	21	2	45	7	480457		NE	1	29.53	71	54	52		cz	as		8	
8									NE	1	29.53	71	52	50		cz	as		9	
9									NE	1	29.53	71	52	50		cz	as		8	
10									NE	1	29.55	71	52	50		czco	as		9	
11									NE	1	29.54	71	50	48		co	as		10	
12									NE	1	29.54	71	50	48		co	as		8	

(This page to be sent to Bureau of Navigation monthly.)

4—2806

ADDITIONAL SHEET.

U. S. S. ESSEX Date 23 May 1918, 191

4:00 p.m. to 6:00 p.m. continued.

at 5:25 p.m. Yantic following astern, av. steam 187 1/2 av. rev. 79.5 Miles made good 16.7. Carried on drills in signals, haaving lead and seamanship. Light northeast breezes. Barometer falling.

C. C. Crowley
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Course 170o psc. Various courses steamed at 6:25 . Dropped anchor at 6:53 in 3 1/2 fathoms of water. Ship's heading 345° psc bearing taken on Chicago breakwater north light. 290° psc, on four mile crib light 96° psc On smoke stack of tall narrow white building on top of which is an electric sign advertising Federal insurance. Only electric sign noticeable. 267° psc Liberty party ashore at 7:46. Barometer falling. Light breezes to light air from the northeast.

E. S. Sarvis
Ensign, USNRF-4 ess

8:00 p.m. to Midnight

Pumped bilges at 8:40 p.m. Light northeast airs. Barometer steady.

J. S. Shumway
Ensign, USNRF-4 jsn

Approved:

L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined:

J. M. Dawson
Lieutenant, USNRF, U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 23 May 1918.

REMARKS.

Commences and until 4:00 a.m.
Boiler 1 and 2 steaming for auxiliary purposes. Pumped bilges at 3:30
Light northwest airs. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m.; sweeping down main deck, scrubbing down gun deck, repairing hammock netting and shining paint work. Light north east breezes shifting to north northwest. Barometer rising.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian
Crew engaged in painting ship from truck to keel, also painting boats and putting boats in shape. 10-1 in pipe/ 10 3/8 pipe galvanized, 1-3/8 brass pipe, 1 sack pipe fittings, 1 box bolts and nuts received from Great Lakes at 11:45. Canteen stores received on board at 11:45. Bilges pumped at 10;15 a.m. Light breeze from northeast . Barometer rising.

Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Crew engaged in painting ship from keel to truck. Began receiving amunition, 1st boat at 1:22, 2nd at 1:35/ 3rd at 1:45. 4th at 2:05 Finished taking on amunition at 2:35. Rec. 4 lights of glass. U.S.S.HAWK anchored on port beam at 2:50. Got underway at 3:05 p.m. steaming in formation YANTIC leading distance 400 yards. Course 151° psc at 3:24 put out PL rO Took bow and beam bearing on Ft Sheridan Tower 45° at 3:31 PLR 1.1 abeam 3:46 PLR 3.4 At 4:00 p.m. PLr 5.5 av. rev. 69 steam 180. Carried out orders ofodrill officer instructing crew in signals, heaving the lead and seamanship. Stores received at Erie, Pa/ for the U.S.S. WOLVERINE were sent to the U.S.S. HAWK with instructions to eliver to WOLVERINE At Detroit. Light northeast airs. Barometer steady. The following ammunition was received.
1800 3-pdr. crtgs., complete cannon primers, common steel shells, L&F, T&T, -- BP & Br Minor Cal. fuses-spd 1335 weight of charge 313 grms. primer ignition--Gr wt 13,510 lbs.
1784 3-pdr. crtgs., complete, cannon primers, common steel shells, L&F Blk. P minor cal. fuses SPD No-1204, weight of charge 285 grams. gross weight -- 13,510
2000 ball cartgs. cal. 45 Mod. 1911 for C.A. --- wt. 108 lbs.
4800 blank cartgs, cal. 30 Mod. 1906 wt 380 lbs.
1000 dummy cartgs/ cal.30 Mod. 1906 wt 71 lbs.
2000 blank cartgs/ cal.30 Mod. 1908 wt 85 lbs.
3600 ball cartgs.cal. 30 Mod. 1898 wt 290 lbs.
3000 blank cartgs/ cal. 30 Mod.1898 wt 126 lbs.
32 3-pdr saluting charges loaded
2 3-pdr. amunition chests. saluting charges.
225 3-pdr. amunition chests. 3-pdr. amunition.
1 packing box containing:
2 jars
2 8 oz. bottles samples.
3 lbs. 3-pdr. SPD 1204 sample powder
3 lbs. SPD 1335 sample powder
1 3-pdr. potter gear
A targets
3 Maximum and minimum thermometers
3 Hollifielddotters

Ensign, USNRF -4 jsn

4:00 p.m. to 6:00 p:m.
Steaming standard speed, course 151 psc . Took bow and beam bearing on Ravinia watertank, 2.9 mi. distant when abeam. PLR 7.1. Changed course to 148 psc at 4:25 p.m. Took 32 and 59° also bow and beam bearing of Grosse Pt light 2.8 mi. distant when abeam PLR 14.3 k. Changed course to 190° psc at 5:25 p.m. Took on 1952 gal. water 4:25 and 5:25 p.m. Abreast of YANTIC

Approved:
Lieutenant Commander, USNV
Commanding Officer.

Examined:
Lieutenant, USNRF-1 U.S.N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 24 May, 1918

L. R. Rutter, Lieut. Comdr. NNV., U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									E	1	29.51	75	50	48		bc	cicu		4	
2									SE	1	29.50	75	51	49		bc	cis		6	
3									SE	1	29.48	76	51	49		bc	cis		6	
4									SE	1	29.47	78	54	49		bc	cis		8	
5									SE	1	29.47	78	55	53		bc	acu		9	
6									SE	1	29.45	79	54	53		oc	n		9	
7									SE	1	29.46	80	54	53		ocz	scu		9	
8									SE	1	29.46	80	54	53		ocz	scu		8	
9									SE	1	29.46	80	52	50		cor	cni		8	
10									SE	1	29.42	80	50	48		ocz	as		9	
11									SE	1	29.36	75	52	50		ocz	as		10	
12									SSE	2	29.34	74	46	53		ocz	as		10	
P. M.																				
1									SXE	2	29.32	75	60	57		ocz	scu		10	
2									SXW	2	29.27	71	60	57		ocz	ni		10	
3									SXW	1	29.25	71	62	59		ocz	scu		10	
4									SXW	1	29.25	73	65	62		cz	scu		10	
5									SWXS	1	29.24	74	70	67		cz	scu		6	
6									SW	1	29.24	74	58	56		cz	scu		6	
7										0	29.24	74	58	56		cz	as		8	
8										0	29.24	74	58	56		cz	as		8	
9									S	1	29.25	75	56	54		cz	acu		8	
10									SE	1	29.25	75	56	54		bz	as		3	
11										0	29.25	75	56	53		f	as		10	
12									S	1	29.21	75	56	52		f	as		10	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 73
Minimum 71

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

ADDITIONAL SHEET.

U. S. S. ESSEX Date 24 May 1918, 191

8:00 p.m. to Midnight

Liberty party aboard by midnight. Fog set in at 11:10 p.m. very light south and southwest airs dying down to calm. Baromater steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Approved:

L. R. Rumsey
Lieutenant Commander, NNV
Commanding Officer

Examined:

J. M. Powers
Lieutenant, USNRF-1 *U. S. N., Navigator.*

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 24 May 1918.

REMARKS.

Commences and until 4:00 a.m.
Checked anchorage bearing. Boiler "B" lit off at 3:45 a.m. Light east and southeast airs. Barometer steady.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Reveille at 5:00. Crew turned to at 5:30, scrubbing wash clothes and hammocks. Spar and gun decks swept down and holy-stoned. Delivered to U.S.S. COMMODORE 177 ditty boxes, 1 jacobs ladder, 2 guys, 7 boat spans, 2 milk cans, 4 chests, 3 hatch ladders, 2 small ladders, 10 sets of table legs New hammock netting covers being made, Barometer fluctuating, light air from southeast.

E.S. Barnes
Ensign, USNRF-4 ess

8:00 a.m. to Meridian.
Carrying out morning orders. Began raining at 8:25 a.m. Stopped at 11:30 a.m. Received 1 bbl. sauer kraut at 11:10. At 12:00 noon while unleasing beef at port gangway, one hind quarter fell over board. O. B. Gable, had the boat hook at the stern and his boat hook slipped out just as the y were swinfinf the beef up on the gangway, It struck the egge of the gangway and fell between the ladder and the boat, Amount of beef received from from Irwin Bros. is 6 quarters, one overboard , 2 boxes cheese The following named articles were delivered to the U.S.S. COMMODORE: 4 sacks oakum/ 1 conical buoy, 1 gudgeon, 5 large pieces of iron, 1 wire netting, 1 commode, 5 sets table legs. Instruction in nomenclature of guns. Light southeast wind Barometer steady.

John Steinbeck
Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.
1st section, 1st division received 2 hrs. instruction in gunnery and marlinspike seamanship. 1st section of second division received 1 1/2 hrs. instruction in gunnery. Balance of crew engaged in scraping and cleaning berth deck, polishig and painting. Received from Consumers Ice Co. 5000# ice. Received from Hubberd, Spencer Bartlett Co. 149 galv. iron pails. Rec. 1000 lbs fresh bread from Schultz Baking Co. Received fifteen stores. Stopped raining at 3:35 p.m.x Light southeast breezes shifting to southwest. Barometer falling.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.
1st section, 2nd division received instruction in ordnance, positiion at gun, loading, firing and breech mechanism. Rest of crew received instruction from B.J.M. on marlinspike seamanship. The following stores received on board from Maurice Cohen: 276 lbs. oranges, 265 lbs. apples, 100 lbs, turnips, 125 lbs. beets, From North Shore Fruit & Produce Co. 3 tubs butter, From S. Houston & Son: 2457 lbs. potatos 221 lbs. banans, 176 lbs. chicken, From Oscar Mayer, 200 lbs. pork sausages, 100 lbs. frankfurters, From Morris & Co. 100 lbs. liver sausage, 100 lbs. avy luncheon meet, From E. Kahn & Co. 300 lbs. Onions, 200 lbs. carrots, From Cohen & Co. 50 lbs. celery, From Schultz & Co. 1000 lbs. bread. light air changing from SWXS to SW., Barometer falling slightly, Tightened up on bell of large whistle and painted same with aluminum paint.

E.S. Barnes
Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Finished stowing supplies. Secured boat for sea, at 7:15 pumped bilges. inspected life buoys and found in working order. C.A. Rolff, Ylc USNRF-4 reported foroduty from Great Lakes.

John Steinbeck
Ensign, USNRF-4 jsn

Approved:
L.R. Sutton
Lieutenant Commander, NNV
Commanding, Officer.

Examined:
J.M. Dowd
Lieutenant, USNRF-1 Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM CHICAGO ILL TO MILWAUKEE WIS. 25 May 1918, 191

L. R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									S	1	29.18	73	56	54		f	as		10	
2		1					483602	348	S	1	29.15	72	56	54		bc	cu		4	
3	9	5	9	5	79		488390	348	S	1	29.16	76	60	58		bc	cu		6	
4	8	2	17	7	75		492820	348	SXW	2	29.17	78	60	58		bc	cicu		6	
5	8	1	25	8	60		495810	348	SW	1	29.17	74	60	58		ocf	cicu		10	
6	8	8	34	6	88	8	501140	348	SW	2	29.17	74	58	56		ocf	scu		10	
7	9	4	44	0	86	2	506300	348	WSW	2	29.17	74	56	54		ocf	scu		10	
8	9	6	50	6	86	2	511476	335	WSW	2	29.11	73	57	55		bz	ci		3	
9	8	7	62	3	78	8	516206	335	WXW	3	29.07	73	64	62		bc	ci		3	
10	5	1	67	4	64	3	520068		WXW	3	29.14	81	71	66		bc	acu		4	
11					53		520970		WXW	2	29.15	82	77	75		bc	acu		9	
12									WXW	2	29.16	82	77	73		bcz			9	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 77
Minimum 71

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 14.5 / On hand 132.9

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SW	1	29.18	82	78	75		bc	acu		8	
2									W	1	29.17	82	80	78		bc	cu		9	
3									NE	1	29.16	86	52	50		co	as		10	
4									NXE	1	29.12	74	56	54		cz	as		10	
5									NXE	2	28.98	67	51	48		co	scu		10	
6									NNE	1	28.92	69	50	47		cf	scu		10	
7									CALM	-	28.92	71	53	50		cf	as		10	
8									NNE	1	28.91	71	51	49		cf	as		10	
9									NE	1	28.96	77	54	52		bcz	as		10	
10									NNE	-	28.96	78	52	50		co	as		10	
11									CALM	-	28.96	80	54	52		co	scu		10	
12									CALM		28.96	78	53	53		bc	cis		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 25 May

REMARKS.

Commences and until 4:00 a.m.
Anchor away at 1:23 a.m., steering various courses, Captain Rutter conning. Permission given to pump ashes. Log out when Carter Harrison Crib abeam, at 1:58 a.m. reading zero. Course 348 psc. PLR 9.5 k. at 3:00 a.m. Fog settled at 2:10. Goodnel steamer passed on port side at 3:59 a.m. PLR at 4:00 a.m. 17.7 Av. speed for watch 8.8 k. per hour. Av rev. 77.2 Av. steam 170. mi. made good for watch 17.7. Barometer rising. Light air to light breeze from S to SXW

E S Barnes
Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Steering 348° psc PLR 17.7 Called all hands 5:00 a.m. PLR 25.8 k. at 5:00 a.m. Turned to scrub and wash clothes. washed down spar deck. at 5:30 PLR at 6:00 a.m. 34.6 Fog set in and began blowing whistle at 6:30 a.m. to 7:25 a.m. Sighted Racine at 7:18 Wind point light abeam at 7:42 a.m. Changed course to 335 psc PLR 50.7 Wind Pt. light bearing west North Shoal Buoy abeam 7:50 PLR at 8:00 53.6 av. rev. for watch 80 av. steam 160, av. speed 8.2 wind from 4 to 6 a.m. south west. shifted at 6:00 a.m. to WSW Barometer steady.

John Shenberger
Ensign, USNRF-4 jsn

8:00 a.m. to Meridian
Steaming standard speed, course 335 psc. Slowed down to 70 rev. at 8:10 to allow U.S.S. YANTIC, steaming astern to make up her distance. Changed course to 304 psc at 9:00 a.m. PLR 63.2 Changed course to 290 psc at 9:38 a/m. PLR 67 Milwaukee light ship abeam at 9:40 a.m. and PL taken in reading 67.4 Steering various courses at 9:43 a.m. Slowed down to half speed at 9:58 a.m/ and entered harbor at 10:07 a.m. Dropped anchor at 10:18 a.m. in 5 fathoms of water with 25 fathoms of starboard anchor chain at waters edge. U.S.S. YANTIC anchored at 10:18 a.m. distant bearing on foremast 186 psc. with pt. light bearing 170 psc. U.S.S. YANTIC shifted berth at foremast now bearing 224° psc Wireless sent to Great Lakes announcing arrival. Soundings taken all around ship, 5 fathoms. Crew engaged in carryoing out morning orders, painting gangways, shroudw and trimmings. overhauling berth deck and general field day. Instruction classes held in signalling, leadsman, battery drill and deck seamanship from 10:30 to 11:30 a.m. Lieut. S.E. Weichelt & Mr Grezg visited ship at 11:30 a.m. C. H/ Hagaman S2c reported aboard at 11:35 a.m. from 10 days leave of absence. Light and gentle breezes from west and north, shifting to southwest. Barometer rising.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
First and Second divisions received instruction in ship routine. Coxswains in boat under oars. Light airs from SW hauling to NE at # PM.

E S Barnes
Ensign, USNRF-4 glh

4:00 p.m. to 6:00 p.m.
First liberty party left ship at 5:00 p.m. At 5:40 fog began to set in Wind NXE. Barometer steady.

John Shenberger
Ensign, USNRF-4 jsn

6:00 to 8:00 p.m.
Liberty parties sjoved off at 6:00 p 7:00 and 8:00 p.m. Light and heavy fog. Calm and light northeast airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

8:00 p.m., to midnight.
Liberty party aboard at 12:00 light air from NE to calm. Barometer s steady. Boiler #1 steaming for auxiliary purposes.

E S Barnes
Ensign, USNRF-4 ess

Approved:
L. R. Lunn
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Dowd
Lieutenant, USNRF-4 N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Milwaukee Wis. TO ....., 26 May 1913

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. T.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1	Anchored at Milwaukee?								E	1	28.96	78	48	46		bc	acu		8	
2									N	2	28.95	78	48	46		bc	cis		2	
3									NXE	1	28.95	78	48	46		cz	cis		10	
4									NXE	1	28.95	74	50	47		cz	as		10	
5										0	28.95	70	53	50		bx	as		10	
6									SSE	1	28.95	70	50	47		bx	as		10	
7									ESE	1	28.95	72	50	47		fz	as		10	
8									SE	1	28.95	72	51	50		fz	as		10	
9									SE	1	28.95	72	53	51		cz	as		10	
10									SE	1	28.96	80	75	73		bc	as		10	
11									SW	2	28.96	75	72	70		bc	as		10	
12									SW	3	28.96	72	78	76		bc	as		10	
P. M.																				
1									SW	3	28.96	75	78	76		bc	cis		7	
2									SW	3	28.95	75	78	76		bc	cis		8	
3									SW	3	28.95	75	78	76		bc	cis		7	
4									SW	3	28.95	77	82	80		bc	cicu		8	
5									W	3	28.96	85	86	84		bc	ci		3	
6									WXS	3	28.95	86	82	80		bc	ci		3	
7									WXN	3	28.96	84	82	80		bc	cu		4	
8									WXN	1	28.96	84	82	80		bc	cu		4	
9									N	1	28.96	84	70	68		bc	cicu		4	
10									NNE	2	28.96	84	60	58		bc	ci		4	
11									NNE	2	28.96	82	56	54		bc	ci		4	
12									NNE	2	28.95	76	56	54		bc	cu		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

P. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum 72

Minimum 67

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended 9000 / On hand 256800

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
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7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 26, May 1918

REMARKS.

Commences and until 4:00 a.m.
Boiler No 1 steaming for auxiliary purposes. Liberty party returned 12. Fog set in at 2:36 a.m. Began ringing ship's bells at 2:45 a.m. Wind shifted from E at 1:00 a.m. to NXE. Light breeze to calm. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Boiler "B" lit off at 4:30 a.m. Crew turned to at 5:30 a.m. carrying out morning orders, sweeping and scrubbing down decks, cleaning paint work and sides, sand and canvasing oars and ladders. Put running boats in first class shape. Boiler "B" cut in at 8:50 a.m. Fog lifted at 7:30 Calm and light south southeast airs. Barometer steady.

C. C. Crawford
Ensign, USNRF-4 cec

8:00 a.m. to meridian
Permission given to engine room to turn over engines. 10:00 Anchor weighed, steering various courses, Lieut. Bower conning. Received sick and absentee reports from U.S.S. YANTIC. None sick, no absentees, none in hospital. Hove to at 10:12. Received church party aboard, who cast flowers on the water and other cerimonies, as a memorial for departed sailors. Underway at slow speed, Captain conning. Steering various courses. Memorial services started at 11:00 a.m. Dropped anchor at 11:55 in five fathoms of water with twenty-five fathoms of chain at the waters edge. Bearings taken at anchorage. On Breakwater light 169° psc Large white steeple with pointed roof near north end of breakwater, 11° psc Headlight at mouth of Milwaukee river 199° psc Barometer rising. Light air to light breeze from SE to SW.

E. S. Barnum
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
At 12:20 boat shoved off with visiting party. At 1:00 p.m. cut out No. 1 boiler. At 3:00 p.m. received 1000 lbs. bread from Oswald Jeager Baking Co. First liberty party left ship at 2:10 p.m. Second party at 3:00 p.m. Light SW breeze. Barometer steady.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
All visitors ashore by 5:30 p.m. Gentle southwest by west and west breezes. Barometer steady.

C. C. Crawford
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Gentle breezes from West WXS. WXN Barometer steady.

E. S. Barnum
Ensign, USNRF-4 ess

8:00 p.m. to midnight.
Signal drill on blinkers at 7:15 to 8:15 p.m. Gentle breeze from WXN to WNE All liberty party returned at 12:00 Barometer steady.

Ensign, USNRF-4 jsn

Approved:
L. R. Linn
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. M. Bower
Lieutenant, USNRF-1 U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Milwaukee, Wisc. TO ____, 27 May 1918., 191

L.R. Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									-	-	28.95	78	56	54		co	srcu		8	
2									-	-	28.95	76	58	56		co	srcu		8	
3									NW	1	28.95	76	56	54		fo	srcu		8	
4									NW	1	28.96	76	58	56		co	srcu		8	
5									N	1	28.96	78	51	49		ocf	n		9	
6									NE	1	28.96	75	50	65		ocf	n		9	
7									NE	1	28.96	75	55	51		ocf	n		10	
8									NE	1	28.96	81	53	50		ocf	as		10	
9									NE	1	28.96	76	52	48		ocz	as		10	
10									NE	1	28.98	74	50	52		ocf	as		10	
11									NE	1	28.99	74	54	52		ocf	as		10	
12									NE	1	28.99	74	52	50		ocf			10	
												7								

P. M.																				
1									NE	1	28.98	60	76	76		co	n		10	
2									NE	1	28.98	78	58	58		co	as		10	
3									NE	1	28.97	72	56	55		bc	cis		8	
4									NE	1	28.98	72	54	54		bc	as		8	
5									NNE	1	28.98	72	48	48		co	as		10	
6									N	2	28.98	71	48	49		co	as		10	
7									NNE	2	28.98	68	42	42		cfo	as		10	
8									NNE	2	28.96	68	42	42		cfo	as		10	
9									NNE	2	28.96	70	40	42		fo	as		10	
10									NNE	2	28.96	68	41	40		fo	as		10	
11	4	15	4	15	63	2	529215		NXE	3	28.98	58	45	39.		zo	scu.		10	
12	6	15	1o	9	60	5	532850		NXE	3	28.98	57	45	41		oc	scu		10	
																oc				

Lat. s. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

Lat. p. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum 72
Minimum 71

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal. Received ____ Expended 3.7 ton On hand 124.7 ton

Fuel oil. Received ____ Expended ____ On hand ____

Water. Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 27 May 1918

REMARKS.

Commences and until 4:00 a.m.
Boiler "B" steaming for auxiliary purposes. Liberty party aboard by 12:00 mid. No absentees. Calm and light east by north airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF -4 cc

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 Started raining 4:15 a.m. Stopped at 5:20 Started again at 5:45 Crew turned to on morning orders, sand down decks and scrub, clean and scrape both life rafts, and #2 cutter. Complete hammock covers. Barometer steady. Light air to light breeze from NW changing to NE.

E S Sarmore
Ensign, USNRF-4 ess

8:00 a.m. to Meridian
Turned to 8:15 carrying on morning routine. At 9:00 a.m. Quarters. First drill period Boat, deck seamanship Battery drill, signals, Second period same as first but divisions reversed. at 11:e0 heavy fog. Barometer steady NE light air.

John Stenbuck
Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.
Received canteen supplies from Imperial Candy Co. & Schneiter Tobaccco Co. Instruction in deck seamanship, boats under oars and blue Jacket's Manuel, A. to D. and battery drill given during drill periods. Fog lifted at 12:40 p.m. Light northeast airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 ccc

4:00 p.m. to 6:00 p.m.
Started to secure ship for sea, hoisting cutters and griping them in Light air to light breeze. Barometer steady.

E S Sarmore
Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
Studying Blue Jacket's Manuel from 6:30 to 8:30 p.m. Foggy. Li ght breezef from north to north - northeast.

John Stenbuck
Ensign, USNRF-4 jsn

8:00 p.m. to midnight.
All boats and rigging secured for sea. Both boilers cut in at 9:12 p/M. Weighed anchor and got underway at 9:57 p.m. Draft Forward 13 ft. 10 in. aft 15 ft. 9 in. U.S.S. YANTIC underway at 10:02 p.m. Sent announcement of departure to Great Lakes. Abeam of Milwaukee light vessel at 10:30 p.m. Changed course to 160° psc. Put out patent log reading zero and steamed on same course at speed of 75 Rev per min. until 11:00 p.m. PLR at 11:00 4.15k/ Speed per hr at 75 rev. p.r Min., 9.54 miles. Steamed on same course at speed of 60.5 Rev. per Min. until 12:00 mid. PLR at 12:0010/9 Speed per hr. at 60.5 rev. per min., 7.76 mi. Wind point light bors 26 1/2 at 11:53 p.m. Av. steam 200 lbs. av. rev. 60.3 Mioes made good for watch 12.5 light north, northeast breezes shifting to gentle north by east breezes Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

Approved:
L. R. Rutter
Lientenant Commander, NNV
Commanding Officer

Examined:
J. M. Dawson
Lieutenant, USNRF-1 U. S. N., Navigator.

4—2000

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Milwaukee Wisc. TO Chicago Ill. 28 May 1918. 191

L. R. Rutter, Lieut. Comdr/ NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	7	9	18	8	62	3	536590	175	NE	3	28.97	62	45	43		co	scu		10	
2	6	9	25	7	70	-	540586	175	NE	2	28.97	66	46	44		co	as		10	
3	8	2	33	9	75	-	545288	175	NE	2	28.97	76	46	44		co	as		10	
4	8	9	42	8	80	2	550090	175	NE	2	28.97	78	47	45		co	as		10	
5	9	3	52	1	83	4	555149	175	NE	2	28.98	68	46	44		co	as		10	
6	9	7	61	8	90	5	560625	175	NE	2	28.98	68	47	45		co	as		10	
7									NE	2	28.98	70	48	46		cfo	as		10	
8									NE	2	28.97	72	50	48		cfo	as		10	
9									NE	2	29.10	75	46	43		cfo	as		10	
10									NE	2	29.23	77	45	42		f	s		10	
11									NE	2	29.25	75	46	44		f	s		10	
12									N	2	29.26	74	48	46		f	s		10	
P. M.																				
1									N	2	29.27	74	49	47		ccf	s		10	
2									N	2	29.27	74	49	47		ccrf	n		10	
3									N	3	29.27	74	49	47		ccr	n		10	
4									N	2	29.27	74	49	47		ccr	n		10	
5									N	2	29.28	74	49	47		ccr	n		10	
6									N	2	29.27	74	50	48		ccr	sr		10	
7									N	2	29.27	74	48	46		ccz	sr		10	
8									N	2	29.27	74	48	46		ccz	sr		10	
9									N	2	29.33	74	49	47		ccz	sr		10	
10									N	2	29.34	73	49	47		ccz	as		10	
11									NW	2	29.34	70	49	47		ccf	as		10	
12									NW	2	29.34	66	49	47		cfm	as		10	

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:

Maximum	A.1	74	A2	70
Minimum	A1	73	A2	68

Compass

S. H

Error

Variation

Deviation

Coal: Received 70 ton; Expended 14.2; On hand 180.5

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 28 May 1918.

REMARKS.

Commences and until 4:00 a.m.
A 12:10 completed 26 1/4 and 45° bearing on Wind point N. Shoal light, distance from shore 2:0% miles, when abeam, course 165° psc. Changed course at 12:30 to 175 psc. PLR 14.4. 1:00 a.m. PLR 18.8 k. miles made good 9. at 2:00 a.m. PLR 25.7 k. Miles made good 7.9 k. Took on water at 1:35 am PLR at 3:00 am 33.9 Mi. made good 9.4 At 3:27 Waukegan light abeam 5 miles 4:00 am PLR 42.8 mi. made good 10.2 Av. rev. ~~for~~ for watch71.9 av. steam 193.3 av. speed 9.1 mi. per hr. Miles made good 36.5 Barometer steady. Gentle breeze to light breeze from northeast.

E. S. Sarsens
Ensign, USNRF -4 ess

4:00 a.m. to 8:00 a.m.
Steering course 175° psc PLR 42.8 rev. 80 steam 185 lbs. Took bow bearing on Groose pt. light at 4:40 a.m. 26 1/2 psc PLR 51.L/ aat 5:00 a.m. PLR 52.1 av. rev. 85.4 steam 200 lbs. Completed bearing on Groose pt. at 5:10 45° psc. Changed course at 5:49 170 psc at 6:00 a.m. PLR 61.8/ av. rev. 90.5 steam 190 changed course at 6:15 a.m. 175 psc. Passed Harrison Crib 6:23 a.m. PLR 65.5 Changed course at 6:29 to 180o psc. PLR 6.67 Passed Van Buerent St. light at 6:45 a.m. Came to anchor at 6:05 a.m. 20 fathoms of chain out. 7:00 a.m. av rev. 66.9 av. steam 175 lbs. Light NE wind. Barometer steady.

John Hemming
Ensign, USNRF-4 jsn

8:00 a.m. to Meridian
Weighed anchor and got underway at 8:24 a.m. tied up to coal dock at 8:52 a.m. Loaded 70 tons of coal from Pittsburg Coal Co. and got underway at 9: 52 a.m. Light shower at 9:37 a.m. Dropped anchor at 10;05 a.m. in 22 ft. of water, with 20 fathoms of chain at waters edge. Took soundings for and aft 1/4 less 4. Draft before coaling 13.ft. 9 in. forward, 15 ft. 7 in/ aft. after coaling, 14 ft. 5in forward, 15 ft.11 in aft. Van Buerennst top light bearing 163° psc. Pier HN rang light 23° psc Breakwater Construction light 52° psc. All hands turned to for general field day at 10:00 am Light northeast breezes. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Crew turned to at 1:00 p.m. Cleaning up strip canvas and sides. St Started raining at 1:30 p.m. Received 2 drums of gasolene 110 gals. from Standard Oil Co. Barometer steady. Light breeze to gentle breeze from north.

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m. Steady rain. Light north breeze. Barometer steady. Liberty party ashore at 5:00 p.m.

John Hemming
Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p /m.
All hands instructed as to stations and duties and carrying on at fire,drill, collision and Abandon Ship and provide. Boiler "A" lit off at 8:00 p.m.

C. C. Crowe Jr
Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
Received from Hubbard Spencer Bartlett Co. 1 drill press. 1 pipe vise. 2 hammer heads, 7 pieces of stove pipe. 2 elbows. Starting at 8:28 p.m. and continuing to 8:40 p.m. Fire and abandon ship drill was carried on by crew. Steam formed in boilers at 8:45 p.m. Cut in at 9:55 p.m. Heavy fog at 11:15 AT eleven o'clock ship secured for sea. Barometer steady. Light breeze from North to NW

E. S. Sarsens
Ensign, USNRF-4 ess

Approved:
L. R. Sutton
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Bowers
Lieutenant, USNRF-1 U.S.N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

ESSEX

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago to TO Traverse City, Mich. 29 May, 1918

L. R. Rutter, Lieut. Comdr. USNV, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter.	Course.	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. Att.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1									N	2	2934	76	50	48		ocb	s		10	
2									N	2	29.34	76	50	48		obc	s		10	
3									N	1	29.34	76	50	48		ofc	s		10	
4									N	1	29.34	76	50	48		ofc	s		10	
5									NW	1	29.34	74	50	48		foggy	sr		10	
6									NW	1	29.33	72	48	46		do	sr		10	
7									NW	1	29.33	72	48	46		do	sr		10	
8									NW	1	29.33	72	48	46		fr	sr		10	
9					52		5 566915		N	1	29.33	70	54	54		fr	n		10	
10	4	9	4	9	45		1 570380	15	N	1	29.35	68	52	50		fr	n		10	
11	7	3	12	2	70		4 574600	15	N	1	29.39	68	51	49		fcr	as		10	
12	8	3	20	5	78		0 579280	15	N	2	29.41	68	52	40		fcm	as		10	

Noon.	Latitude	
	Longitude	
P. M.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperatures:

Maximum	A1 70	A2 71		
Minimum	69	67		

Compass		
S. H.		
Error		
Variation		
Deviation		
Coal	Received	
	Expended	3.3
	On hand	171.7
Fuel oil	Received	
	Expended	
	On hand	
Water	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.	Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter.	Course.	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. Att.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
1	7	8	28	3	74		2 583737	15	NE	1	29.42	70	44	41		fcm	as		10	
2	8	-	36	3	76		9 588350	15	NE	1	29.43	75	46	43		f				
3	8	8	45	k	80		- 593150	15	NE	1	29.34	73	50	46		f			10	
4	8	8	53	9	79		5 597920	15	NE	1	29.44	74	51	50		f			10	
5	8	1	62	0	75		6 602458	15	NE	1	29	63	49	47		f			10	
6	8	7	70	7	79		7 607005	15	NE	1	29	63	49	46		f			10	
7	8	3	79	-	80		3 611826	15	NE	2	29.93	64	45	42		f			10	
8	9	8	88	8	81		7 616731	15	NE	2	29.91	70	44	42		f			10	
9	8	4	96	4	79		47621518	15	NEXN	2	29.91	60	44	42		f			10	
10	8	3	4	5	75		5 626044	15	ENE	1	29.89	52	46	44		bo			10	
11	7	9	12	4	73		- 630450	15	NEXN	2	29.88	51	48	46		f			10	
12	7	2	17	6	66		- 634450	15	NXE	1	29.88	51	48	46		f			10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 29 May 1918.

REMARKS.

Commences and until 4:00 a.m.
At midnight on accounnt of heavy fog stood by to get underway. Boilers 1 &2 steaming. Pumped bilges at 3:30 a.m. Wind N light breeze. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Heavy fog throughout entire watch. Sea watch standing by. Crew turned to at 5:30, scrubbing and washing clothes and all canvas, sweeping anc scrubbing down decks, scraping paint spots and making hammock nettings. Started raining at 7:50 a.m. Light north west and north by west airs. Barometer steady.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
Standing by to get underway, at 8:30, underway from Chicago harbor at 8:40 at standard speed of 10 knots. Steering various courses. 9:00 a/m rev. 52.5 Av. steam 200 lbs. Carter Harrison crib abeam at 9:10 a.m. Patent log out at 9:10 reading zero. CC 15 psc. Held fire, collision and abandon ship drill at 9:10 completed drills at 11:30 a.m.10:00 PLR 4.9 k. Steam 195 av. rev. 56.1 At 10:39 full speed ahead. LL 11:00 PLR 12.2 steam 185 av. rev. 70.4 Stopped raining at 10:55 a.m. 12:00 noon PLR 20/5 av. rev. 78 av. steam 140 lbs. Average revolutions for watch 59.25. Average steam 180 lbs. Knots made good 20/5 MIles made good 23.5 Av. spe d in knots 6.8 in miles 7.8 Draft of ship 15 ft., 11 in. aft, 14 ft. 5in forward. Barometer rising. Light air to light breeze from north, north east to north by east.

Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Steering course 15° psc. PLR 20.5 Steam 140, rev. 59.25 at 1:00 pm PLR 28.3 Rev/ 74.2 steam 195. At 1:30 held the following drills coxswains and quartermasters, battery on allguns and first aid. 2:00 pm PLR 36.3 rev. 76.9 steam at 3:00 pm PLR 45.1 rev. 80 steam 180. At 4:00 p.m. PLR 53.9 rev. 79.5 steam 180Av. rev' for the watch 37.41. A verage steam 180 lbs. Number miles for the watch 37.44. Heavy fog all throughthe watch. Wind from N to NE. Light air with rain and showers Barometer steady.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
Steering course 15° psc. 9.43 miles made good between 4:00 a.m. & 5:00 a.m. at speed of 75.6 rev. per Min. 10 miles made good between 5:00 and 6:00 a.m. at speed 79.7 rev' per min. Average rev' per min. 77.7 Average steam 177.5 lbs. for watch. Miles madegood for watch 19.43 Dense fog, light northeast airs. Barometer steady.

Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Steering course of 15° psc. standard speed 75 rev. PLR at 7:00 p.m. 79 k. steam 190 av. rev. 80/3 miles made good between 6 and 7 pm 9.5 Held collision drill at 6:55 pm 8:00 p.m. PLR 88.8 Av. rev. 81.7 steam 185 8:00 reports made all secure. Miles made good for watch 21. av. rev. for watch, 81. steam, 187.5 lbs. Barometer rising. light breezes from ENE.

Ensign, USNRF-4 ess

8:00 p.m. to midnight.
Steering course 15° psc.. PLR 88.8 PLR at 9:00 p.m. 96.2 av. rev. 79.47 Steam 175Lbs. 10:00 p.m. PLR 104.5 Av. rev. 75.5, av. steam 140 At 11:00 p.m. PLR 112.4 Av. rev. 73.5 av. steam 130# Little Sable light abeam at 11:00 p.m. 12:00 mid. PLR 119.6 av. rev. 66 Steam 110 lbs. averag for the watch, revolutions 73.6 Steam 140 lbs. fog began to lift at 10:55 Clear horizon from crow's nest. Wind light air ENE to NE XN . Barometer steady.

Ensign, USNRF-4 jsn

Approved:

Lieutenant Commander, NNV
Commanding Officer.

Examined:

Lieutenant, USNRF-1 U. S. N., Navigator.

4—2590

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Ill TO Traverse City, Mich 30 May 1918

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hours.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	6	2	25	8	67	9	637800	15	N	1	29.87	51	47	44		fm	as		10	
2	6	2	32	-	66	-	641245	15	NXE	1	29.87	51	47	44		fm	as		10	
3	6	1	38	1	65	9	644600	10	NNE	1	29:86	52	46	43		fm	as		10	
4	8	-	46	1	77	3	648940	10	NNE	1	29.86	52	45	42		rm	as		10	
5	7	7	53	8	69	-	653188	10	NNE	1	29.80	52	44	43		fm	as		10	
6	8	7	67	5	82	2	658051	10	NNE	1	29.74	54	50	46		fm	as		10	
7	8	9	74	4	82	3	660831	30	NNE	1	29.74	54	50	47		fm	as		10	
8	8	7	80	k	82	-	667751	30	NE	1	29.67	54	51	47		fm	as		10	
9	8	1	88	2	73	2	672145	30	NE	1	29.60	55	48	49		fm	as		10	
10	8	3	96	5	77	6	676730	85	NEXE	1	29.54	54	47	46		fm	as		10	
11	7	5	4	8	74	8	680768	45	NEXE	1	29.50	52	49	45		fm	as		10	
12	7	7	11	7	72	8	685512	47,0	NE	1	29.44	51	44	47		fm	as			
P. M.																				
1	8	4	20	1	76	0	689685	192	-	-	29.06	62	56	54		cf	scu		10	
2	9	1	29	2	84	5	694775	192	ssw	1	29.04	62	54	52		cf	scu		10	
3	9	9	29	1	91	3	700785	192	ssw	1	29.02	62	52	50		cf	acu		10	
4									-	-	29.01	61	51	48		c	acu		10	
5									-	-	29.00	62	50	48		c	acu		10	
6									-	-	29.00	71	60	58		bc	cicu		10	
7									-	-	29.00	71	62	60		bcz	cicu		10	
8									-	-	28.95	69	62	60		bc	cicu		10	
9									-	-	28.96	69	62	58		bc	asc		8	
10									sse	1	28.98	69	60	58		bc	as		8	
11									sxe	1	28.98	74	64	62		bc	as		98	
12									s	1	28.98	74	66	64		bc	as		8	

Sea. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		Landing force at Traverse City
2		
3		
4	Medical Officer	
5	Deck seamanship	
6	Battery drill	
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

ADDITIONAL SHEET.

U. S. S. ESSEX Date 30 May 1918., 191

6:00 p.m. to 8:00 p.m.

Parade Part y in charge of Ensign E.G. Lewis, left the ship at 6:15 Liberty party at 6:25 p.m. Calm. Barometer steady.

John Akerberg
Ensign, USNRF-4 jsn

8:00 p.m. to midnight.

Took the following bearings. East Pierhead light 116° psc. Town clock 196 psc Coal Dock Light 238° psc. Parade party aboard by midnight. No absentees. Calm and light south, southwest airs. Barometer steady.

C. C. Crone Jr.
Ensign, USNRF-4 cec

Approved:

Lieutenant Commander, USN
Commanding Officer.

Examined:

J. M. Power
Lieutenant, USNRF-1 U. S. N. Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 3D May 1918.

REMARKS.

Commences and until 4:00 a.m.
Steaming course 15 psc. 1:00 a.m. PLR 125.8 ref. 57.9 steam 100 lbs. 2:00 am PLR 132 k. rev. 55.7 S.P. 105. Changed course to 10° psc at 2:20 am 3:00 a.m. PL 138.25. 2-3 am R.P.M. 55.7 S.P. 105 Miles made good for watch 30.5 4:00 am P.L. 146.1 k. 3-4 am r.p. m. 72.3/ S.P. 180 lbs. Av. rev. 60.3 Av. steam 150 lbs. Took soundings with sounding machine between 1:30 and 4:00 am Heavy fog still hanging. Light north airs shifting to north northeast Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Steering course 10° psc. soundings taken at 5:00 and 5:05, sixty five fathoms of water. PLR 153.8 at 5:00 am steam 195 av. rev. 69.6 Miles made good for hour 8.8 PLR 162.5 at 6:00 am Rev. 82.2 steam 195 lbs. miles made good for hour 5-6, 10. Picked up point Betsy at 6:50 am PLR 171.4 at 7:00 am rev. 82.3 steam 190 miles made good for hour, 10.2 Changed course to 30° psc at 7:00 am PLR 171.4 changed course to 20° psc. at 7:25 PLR 174.8 changed course to 30° psc at 7.30 aM PLR 175.7 Soundings taken at 7:45 am 19 fathoms PLR 180.1 at 8:00 am steam, 160 lbs. rev. 82 miles made good for hour 7-8 10. Average rev. for watch 79.1, steam 185 lbs. Miles made good for watch 39. av. speed 9.75 Barometer falling. Light air from north, northeast, to north east.

E. S. Sammons
Ensign, USNRF-4 ess

8:00 a.m. to Meridian
Steering course 30° psc PLR 80.1 at 8:29 half speed to take soundings at 8:31 slow speed. 8:37 full speed. at 9;00 PLR 88.2 av. rev. 7:32 steam 160 lbs. Quarters at 9:00 am. At 9:01 stopped. at 9:03 full speed ahead. At 9:06 changed course to 45° psc. 9:12 sounding taken, 57 fathoms. Rock bottom Picked up N. Manitou fog whistles at 9:32 At 9:42 changed course to 55° psc. At 9.44 changed some course to 60°. At 9:45 changed course to 75° psc. At 9:50 changed course to 80° psc. At 9:55 to 85 psc. At 9:55 soundings taken , 47 fathoms/ At 10:00 am a PLR 96.5 rev. 77.6 steam 145 lbs. At 10:01 changed course to 75° psc At 10:00 to 70 psc At 10:03 to 65° psc. at 10:04 to 60 55 psc aat 10:05 45 psc At 10:05 passsed N. Manitou light vessel abeam at 10.18 Changed course to 55 psc At 10.20 stopped engines 10:24 engines slow speed ahead. At 10:25 engines stopped at 10:26 engines full speed ahead. Course 45 psc Changed course to 55 psc. At LL:00 am PLR 4. Av/ rev.74.8 steam 145 lbs. At 11:10 changed course to 45 psc at 11:35 fog lifted. Sighted land on starboard quarter. At 11:50 fog cleared all around. At 12:00 PLR L 11:X Av rev. 72.5 steam 145 lbs. Average for the watch, rev. 74.5 149 lbs. wind light air NEXE. Barometer steady.

John Sherburne
Ensign, USNRF-4 xxx jsn

Meridian to 4:00 p.m.
Changed course to 70° psc at meridian. took 26 1/2°, 45° and 90° bearings on Grand Traverse light, 1 mi. distant when abeam at 12:45 p.m. PLR 18. Changed course to 145° psc at 12:50 p.m. PLR 18.7 k. 1:00 pm PLR 20 12-1 pm R.P.M. 76, SP 200 lbs. Changed course to 192° psc at 100 pm 2:00 pm PLR 29.2 k. 1-2 pm R.P.M. 84.5, S.P. 200 lbs. Changed course to 200° psc at 2:10 p.m. PLR 31.1 k. 3:00 pm PLR 39.1 k. 2:32 pm R.P.M. 91.3., S.P. 175 lbs. Changed course to 195° psc at 3:15. PLR 42.2 PL taken in at 3:40 pM 3-3:40 pm R.P.M. 80/7, S.P. 185 lbs. Dropped anchor at 3:50 pm in 6 fathoms of water with 35 fathoms of starboard anchor chain at waters edge. Soundings taken fore and aft. Bearing of east m No. 1. stack 115° psc. South stack 202° psc. South R.H. stack 222 psc. AV. R.P.M. from 12:00 to 3:40 pm 85.6, AV. steam 190 lbs. Miles made good for warch 38.2 Took on 1408 gals fresh water. Crew engaged in general field day. Calm and light air from south and southwest. Barometer falling. Low drifting fog raising at 3:20 p.m.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.
Barometer steady. Calm. Landingforce mustered for Memorial Day parade at 5:45 p.m.

Ensign, USNRF-4 ess

Approved:
L. R. Rumer
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Dawson
Lieutenant, USNRF-1 U. S. N., Navigator.

←2559

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Traverse City, Mich TO S. Manitou Is. 31 May 1918

L. R. Rutter, Lieut. Comdr, NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									S	1	28.98	76	65	63		bc	ci		2	
2									S	1	28.98	76	66	64		bc	ci		2	
3									SW	2	28.98	75	67	65		bcl	ci		2	
4									SW	2	28.98	75	67	65		bc	n		2	
5									SW	2	28.98	76	67	67		bcz	scu		2	
6									SW	1	28.98	76	69	68		bc	scu		6	
7									SW	1	28.98	76	70	70		bc	cu		7	
8									SW	1	28.98	76	72	62		bc	cu		7	
9	5	0	5	-	74	7	708143	12	0	-	28.96	74	64	62		bcz	cu		6	
10	8	7	13	7	80	3	712963	12	EXN	1	28.91	74	64	62		bcz	cu		8	
11	8	5	22	2	79	5	717736	12	EXN	1	28.91	74	64	62		nbcz	cu		8	
12	8		530	7	79	2	222506	270	WXS	2	28.89	74	64	62		bcz	cu		8	
P. M.																				
1	8	5	39	2	79	-	727275	230	SWXS	1	28.90	60	58	56		bcf	cu		9	
2	7	9	47	12	75	-	731625	230	SWXS	2	28.90	60	56	54		bcf	cis		4	
3	7	1	54	2	71	8	735940	266	SWXS	3	28.89	60	60	58		bcf	cis		5	
4									SWXS	3	28.89	66	70	56		bc	cicu		4	
5									SWXS	3	28.87	67	68	66		bc	cicu		5	
6									SWXS	3	28.86	68	66	64		bc	cicu		5	
7									SSW	3	28.85	66	64	64		bc	cicu		5	
8									SSW	3	28.83	69	60	58		bc	cicu		5	
9									SSW	2	28.83	73	66	64		bc	acu		3	
10									SSW	2	28.82	74	64	61		bc	as		3	
11									SSW	2	28.83	70	60	57		bc	as		4	
12									WXS	3	28.83	74	64	61		b				

Lat. s. m. Latitude / Longitude

Noon. Latitude / Longitude

p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures: Maximum A1 70 A2 68. Minimum 68 67

Compass

S. H

Error

Variation

Deviation

Coal: Received / Expended 11.2 / On hand 127.1

Fuel oil: Received / Expended / On hand

Water: Distilled / Received 132 / Expended 27D / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 31 May 1918, 191

8:00 p.m. to midnight.
Liberty party aboard at eight thirty. No absentees. Bearings taken on N. Manitou light 70° psc on So. Manitou light 172 psc. Men engaged in repairing aerial. Light breeze from south, southwest. Barometer steady.

E. S. Sarvice
Ensign, USNRF-4 ess

Approved: L. R. Sutton

Examined: J. M. Dawson
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 31 May 1918

REMARKS.

Commences and until 4:00 a.m.
Barometer steady. Light air to light breeze from south changing to south west. Boiler #1 steaming for suxiliary purposes. Bilges pumped at 3:00 a.m.

E S Sarvese
Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Called all hands at 5:00 am. Turned to at 5: 30, carrying out morning orders, holy stoning all decks and getting ship ready for inspection. At 7:45 received canteen stores from Straub Bros. Cut in #2 boiler at 7:45. Light air from the south west., Barometer steady.

E S Sarvese
Ensign/ USNRF-4 jsn

8:00 a.m. to Meridian.
Weighed anchor and got underway at 8:10 a.m. Draft 14 ft. forward 15 ft. 9 in. aft. Steaming standard speed on course 12° psc at 8:15 am. Put out patent log reading 0 when abeam of Lu pt sp buoy at 8:25 am. 9:00 PLR 5. 8:10 - 9:00 am R.P.M. 74.7 steam 190 lbs. Took azimuth of sun at 9:20 bearing 98', 30" psc. 10:00 am PLR 13.7 9-10 am rev. per min. 80.3 steam 185 lbs. 11:00 am PLR 22.2 10-11 am rev. per min. 79.5 steam 190 lbs. Changed course to 22° psc/ at 11:00 am. Changed course to 0° psc. at 11:15 am. PLR 24 k. Changed course to 270° psc. at 11:30am. PLR 26.5 12:00 noon PLR 30.7 11-12 rev. per min. 79.2 steam 190 lbs. Grand Traverse fog whiltle heard abeam at noon. Soundings taken between 11 and 12. av. rev. per min. 78.4 steam 188 lbs. Miles made good for watch 35.3 Crew engaged in general field day. Heavy fog from 8: 30 am on. Light east and north airs shifting to west by north. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Steering course of 270° psc. Changed course to 230 psc. PLR 34.1 at 12:30 . At 12:32 pm on course 200 psc. PLR 39.2 k. Steam 169 lbs. Av. rev. per min. 78.4 steam 188 lbs. Miles made good for watch 35.3 Crew engaged in general field day. Heavy fog from 8: 30 am on. Light east and north airs shifting to west by north. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Steering course of 270° psc. Changed course to 230 psc. PLR 34.1 at 12:30 . At 12:32 pm on course 200 psc. PLR 39.2 k. Steam 169 lbs. Av. rev. 79 Engine stopped at 1:29 pm. PLR 43.5 at 1:31 pm. Half speed ahead PLR 43.7 Full speed ahead at 1.36 pm. PLR 44 Back to course of 2:30 psc 2:00 readings, PL 47.1k. rev. per min. 75, steam 155 lbs. Picked up N. Manitou fog whistle at 2:05 at 2:07 picked fog signal at N. Manitou. Shoal light vessel at 2:27. Various course from 2:33 pm till 2:45 pm. N. Manitou light vessel abeam at 2:45 pm. Changed course to 266 psc. PLR 52.5 k. At 3:00 pm PLR 54.2 av. rev. 71.8, steam 135 lbs. Picked up So. Manitou fog whistle at 3:05 pm. Patent log hauled in at 3:26 PLR 57.3 knots. Various courses courses till arrival in So. Manitou harbor, at 3:50 pM Dropped anchor in 45 ft. of water with 45 fathoms of chain at waters edge. 3:50 p.m. av. rev. 57.4, steam 200 lbs. Took bearings on So. Manitou light, 172° psc. On YANTIC foremast 149 psc. On donkey engine on dock 322PSC Drift leads put out at bow and stern. Soundings taken at 4:15 p.m. Average readings for watch rev. per min. 68.1, steam 162 lbs. Miles made good 30/7
Captain conning ship entire watch. Standard speed 80 rev. per Min. Barometer steady. Light air increasing to gentle breeze.

E S Sarvese
Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.
Pumped bilges at 4:40 p.m. All hands liberty from 6 pm till 8:30 Light breeze from south west to south. Barometer steady.

E S Sarvese
Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
Liberty parties shoved off between 6 and 7:30 p.m. total 135 men U.S.S. YANTIC got under way at 5:25 and stood in to new berth and dropped anchor at 5:40 490yards distance. Foremast bearing 169 psc. So. Manitou light 1450 yds. distant bearing 172° psc. gentle south, southeast breezes Barometer falling

C. C. Crane Jr.
Ensign, USNRF-4 cec

Approved:
L. R. Rueter
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. M. Dawson
Lieutenant, USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., 191

....., ..., *U. S. Navy, Commanding.*

HOUR.	KNOTS.	TENTHS.	PATENT LOG.	TENTHS.	AVERAGE REVS.	TENTHS.	ENGINE COUNTER.	COURSE.	WIND. DIRECTION.	WIND. FORCE.	BAROMETER. HEIGHT IN INCHES.	BAROMETER. THER. AT.	TEMPERATURE. AIR DRY BULB.	TEMPERATURE. AIR WET BULB.	TEMPERATURE. WATER AT SURFACE.	WEATHER BY SYMBOLS.	CLOUDS. FORM.	CLOUDS. MOVING FROM.	CLOUDS. AMOUNT.	SEA.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current. Set	
Current. Drift	

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass	
S. H.	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
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7		
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9		

P. M.																				
1																				
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3																				
4																				
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7																				
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9																				
10																				
11																				
12																				

(This page to be sent to Bureau of Navigation monthly.)

4—2599

JUL 19 1918

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. ESSEX

_____ Rate,

COMMANDED BY

L.R. Rutter, Lieutenant Commander, NNV, U. S. Navy,

Attached to { _____ Division, _____ Squadron, Great Lakes, Fleet,

Commencing June 1, 1918., 191 ,

at S. Manitou Isle.,

and ending June 30, 1918., 191 ,

at Chicago Illinois.

1915.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

GOS BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by L.R. Rutter, Lieut. Comdr., U. S. N.V during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 June 1918, 191 , to 30 June 1918, 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
L.R. Rutter	Lieut. Comdr.	3-17-18		
J.M. Bower.	Lieut.	3-16-18		
C.B. Hatch	Lieut.	6-24-18		
G.L. Holsinger	Lieut. (jg)	5-22-18		
E.G. Lewis	Ensign	3-14-18	6-24-18	Disenrollment.
E.S.Sarvene	Ensign	4-2-18		
C.E. Crone	Ensign	4-22-18		
J.S. Newberry	Ensign	5-15-18		
E.R. Sanders	Ensign	3-20-18		
J.F. Peck	Ensign	5-10-18	6-17-18	Ordered to duty at New York
G.W. Wood	P.A. Surg.	3-22-18		
R.E. Wright	Asst. Pay.	4-14-18		
J.P. Krause	Carpenter	10-15-17		

Examined and found to be correct.

L.R. Rutter
Lieutenant Commander, MMV
Commanding Officer

J.M. Bower
Lieutenant, USNRF+1 Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, 30 June, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	1
3	Boatswain's Mates, first class	1
2	Boatswain's Mates, second class	4
6	Coxswains	6
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	
	Gunner's Mates, second class	2
2	Gunner's Mates, third class	
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	
1	Chief Quartermaster (Signals)	
2	Quartermaster, first class	2
2	Quartermaster, second class	1
2	Quartermaster, third class	4
50	Seamen	15
75	Ordinary Seamen	26
	Apprentice Seamen	
	Total	63
	ARTIFICER BRANCH.	
1	Chief Electrician	1
1	Electricians, first class	1
1	Electricians, second class	
2	Electricians, third class	3
1	Chief Electrician (Radio)	1
1	Electricians, first class (Radio)	
1	Electricians, second class (Radio)	
1	Electricians, third class (Radio)	3
1	Chief Carpenter's Mate	1
1	Carpenter's Mates, first class	1
	Carpenter's Mates, second class	
1	Carpenter's Mates, third class	2
1	Shipwrights	2
1	Shipfitters, first class	2
	Shipfitters, second class	1
	Blacksmiths 1st class	1
1	Plumbers and Fitters	1
1	Sailmaker's Mates	
	Printers	
	Painters, first class	
	Painters, second class	
	Painters, third class	1
	Total	21
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	3
3	Machinist's Mates, first class	4
3	Machinist's Mates, second class	
1	Chief Water Tenders	
2	Water Tenders	3
1	Boiler Maker	1
	Blacksmiths 2nd class	1
1	Coppersmiths	2
3	Oilers	3
6	Firemen, first class	7
6	Firemen, second class	5
6	Coal Passers	7
	Total	36
	SPECIAL BRANCH.	
	Chief Yeoman—Commanding Officer	
	Chief Yeoman—Equipment Department	
4	Chief Yeoman—Pay Department	1
	Chief Yeoman—Engineer Department	
	Chief Yeoman—Executive Officer	
	Yeoman, first class—Commanding Officer	
	Yeoman, first class—Equipment Department	
5	Yeoman, first class—Executive Officer	2
	Yeoman, first class—Pay Department	
	Yeoman, first class—Engineer Department	
	Yeoman, first class—Ship's Store	
	Yeoman, second class—Commanding Officer	
	Yeoman, second class—Ordnance Officer	
	Yeoman, second class—Executive Officer	
	Yeoman, second class—Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—Pay Department	
2	Yeoman, second class—Engineer Department	2
	Yeoman, second class—Ship's Store	
	Yeoman, third class—Commanding Officer	
	Yeoman, third class—Equipment Department	
2	Yeoman, third class—Pay Department	2
	Yeoman, third class—Ship's Store	
	Yeoman, third class—Engineer Department	
	Yeoman, third class—Navigator	
	Yeoman, third class—Executive Officer	
	Hospital Steward	
1	Hospital Apprentices, first class	2
2	Hospital Apprentices	
2	Buglers	1
1	~~Musician~~ Ch. P. M.	
1	~~First Musician~~ Ph. M3c	2
	Musician, first class	
	Musicians, second class	
	Total	12
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	
	Commissary Steward	1
1	Ship's Cooks, first class	1
1	Ship's Cooks, second class	2
1	Ship's Cooks, third class	
2	Ship's Cooks, fourth class	3
1	Bakers, first class	1
	Bakers, second class	
	Total	8
	MESSMEN BRANCH.	
1	Cabin Steward	1
1	Cabin Cook	2
1	Mess Attendant	1
1	Wardroom Steward	
1	Wardroom Cook	1
4	Mess Attendants	4
1	Mess Attendants (Laundry)	1
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total	10
	ADDITIONAL FOR FLAGSHIP.	
1	Chief Quartermaster Ch. Stk.	
1	Quartermaster, first class Stk. 1c	
1	~~Quartermaster, second class~~ Stk. 2c	1
1	Quartermaster, third class Stk. 3c	1
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendants	
	Mess Attendants, Staff	
	Total	2
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

1—2599

Examined and found to be correct.

E. H. Helms Jr.
Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.) NSRF-1

ARMAMENT

Of the U. S. S. ESSEX

MAIN BATTERY.

GUNS.					REMARKS.	SHIP AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.		No.	Type.	Mark and Modifications.	
4	3-pdr	50	X	X		6		IX	
2	3-pdr	50	X	X Mod I					

SECONDARY BATTERY.

GUNS.			REMARKS.	SHIP, BOAT, AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Mark and Modifications.		No.	Type.	Mark and Modifications.	

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	REMARKS.
40	Spr.	30		1903	
40	Krag	30		1898	
4	Colt	38	pistol		

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

R. B. Turner
Lieutenant Commander, NNV
Commanding Officer.

Lieutenant, USNRF-1 *Navigator.*

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. _____ ON BOARD THE U. S. S. _____

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	H.J. Green Brooklyn, N.Y.	1574	Cabin			Unknown
ANEROID BAROMETER.	G. Falconer, Hong Kong, China	None	Chart H House	None		Unknown
THERMOMETER (Dry Bulb).	NONE					
THERMOMETER (Wet Bulb). (Psychrometer.)	NONE					

Examined and found to be correct.

L. R. Sumner
Lieutenant Commander, USN
Commanding Officer,

Lieutenant, USNRF-1
Navigator.

4—200

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

	None				
	None				
	None	None			

UNITED STATES SHIP

REMARKS.

Approved:

Examined:

T. S. K., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page [illegible]

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou is. TO , June 1, 1918

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1									SS[illegible]	3	28.82	72	64	61		b[illegible]				
2									SSW	3	28.82	72	64	61		bc	cc		5	
3									SW	3	28.72	68	55	61		c	scu		10	
4									SSW	3	28.72	69	52	61		c	scu		10	
5									SSW	2	28.72	70	55	52		c	scu		10	
6									SSW	2	28.72	68	60	57		bc	cis		3	
7									SSW	2	28.72	67	60	57		bc	cis		3	
8									SSW	3	28.72	68	56	53		bc	cis		3	
9									SSW	3	28?65	70	58	55		bc	cis		3	
10									SW	4	28.64	68	60	57		bc	cis		3	
11									SW	4	28.65	70	55	52		bc	cis		3	
12									SW	4	28.65	68	55	52		bc	cicu		3	

Lat. a. m. / Long. a. m.

Lat. Noon. / Long. Noon.

Lat. p. m. / Long. p. m.

Current: Set / Drift

Magazine Temperatures:
Maximum A1 72 A2 69
Minimum 69 68

Expended in ordnance dept. 1200 rounds ball cartridges-30 cal. mod. 1898

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 16200 / On hand 238000

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2	Handling boats	signals
3		
4	under oars	handling boats
5		
6	sub caliber prac tice	under oars
7		and sails
8	Practical sea- manship	
9		sub caliber practice.

P. M.																				
1									SW	4	28.65	68	55	52		bc	cis		6	
2									SWXS	3	28.65	68	55	54		bc	cis		8	
3									SWXS	4	28.65	70	58	56		bc	cis		7	
4									SSW	4	28·67	70	56	54		bc	cis		7	
5									SW	3	28?66	70	58	56		bc	cis		4	
6									SWXW	3	28·67	70	58	56		bc	cis		5	
7									SWXW	3	28.68	69	58	55		bc	cis		7	
8									SWXW	3	28.69	71	60	58		bc	cis		7	
9									SW	3	28.69	75	66	64		bc	cis		4	
10									SW	2	28.70	74	66	64		bc	cis		2	
11									SW	2	28.70	74	66	64		bc	cis		2	
12									SW	2	28.70	74	66	64		bc	cis		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex June 1st 1918.

REMARKS.

Commences and until 4:00 a.m.
Boilers 1 and 2 steaming for auxiliary purposes. Pumped bilges at 3:30 Showers at 3:10 and 3:35 a.m. Finished pumping bilges at 3:45 a.m. Weather misty. Light breeze from SSW to SW. Barometer falling.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders. General field day. Gentle and light south southwest breezes. Barometer steady.

Ensign, USNRF-4 cec

8:00 to Meridian
Crew turned to at 8:15 a.m. finishing up of morning orders. Captain Rutter inspected ship at 10:00. Practical drill give n in handling boats under oars. Received 5100 lbs. ice aboard. Sub-caliber target practice for part of crew. Barometer steady after dropping the first hour. Gentle breeze to moderate breeze from SW.

Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Carrying on the following drills: instruction of boats under oars, signal and sub-caliber practice until 3:30 p.m. Fresh breeze from southwest by south. Barometer steady.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
Received 480 lbs. potatos from A.T. Anderson for commissary. 1200 rounds ball cartridges, 30 cal. model 1898 expended during afternoon, target practice. 1200 rounds small arm amunition and 18 rifles taken ashore for target practice at 5:30 p.m. Gentle southwest and southwest by south breezes. Barometer steady.

Ensign, USNRF -4 cec

6:00 p.m. to 8:00 p.m.
At 6:20 party was taken ashore for target practice on beach. Liberty party ashore at 6:30. Instruction given to a party of men in landing boats under sail. Bilges pumped at 7:45. Barometer steady. Gentle breeze from southwest by south.

Ensign, USNRF-4 ess

8:00 p.m. to 12midnight.
Party returned from target practice at 8:40 Liberty party returned at 9:25 p.m. wind SW. Light breeze., Barometer steady.

Ensign, USNRF-4 jsn

Approved:
L.R. Rutter
Lieutenant Commander, NNV
Commanding Officer

Examined:
J.E.
Lieutenant, USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou Is. TO Great Lakes, Ill., 2 June 1918, 191

L.R. Rutter, Lieut. Comdr., NNV, *U. S. Navy, Commanding.*

Hours	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	28.70	74	66	64		bc	cicu		7	
2									W	1	28.70	76	68	66		bc	cicu		6	
3									WXS	4	28.70	74	68	66		bz	cicu		7	
4									W	3	28.70	76	66	64		bz	cicu		6	
5									WXS	2	28.71	75	64	62		bc	cicu		5	
6									WSW	2	28.76	75	64	62		bc	ci		6	
7									WSW	1	29.32	72	62	60		bc	ci		4	
8									WSW	1	29.32	75	64	69		bc	cis		7	
9									SW	3	29.35	73	55	53		bc	cis		7	
10			6	9	82	2	743665	210	SW	4	29.33	74	48	46		bc	cis		7	
11	8	3	15	2	79	1	747914	210	SW	3	29.33	74	48	46		bcz	cicu		7	
12	8	4	23	6	79.	9	752705	206	SW	3	29.33	68	50	47		bcz	cis		6	
P. M.																				
1	8	2	31	8	74	2	757355	206	sw	3	29.33	77	49	47		bcz	cis		7	
2	8	2	40	-	78	2	762050	206	sw	3	29.30	66	48	46		bcz	cis		7	
3			1	4	65	3	765055	206	sw	3	29.23	67	48	45		bcz	cis		7	
4	8	2	9	6	77	5	769680	206	sw	3	29.23	66	47	45		bcz	cis		7	
5	8	4	18	-	80	-	774480	206	sw	3	29.23	70	47	44		bcz	cis		5	
6	8	5	26	5	80	-	779280	206	sw	3	29.23	72	47	43		bcz	cis		6	
7	8	6	35	1	80	-	784080	206	swxw	3	29.23	68	43	40		bcz	cis		7	
8	8	6	44	7	79	8	788868	206	sw	3	29.16	65	44	41		bcz	cis		9	
9	6	6	51	3	90	8	792917	206	sw	3	29.14	69	46	44		bz	cis		10	
10	8	3	59	6	76	4	797701	206	ssw	3	29.14	70	46	44		bz	cis		10	
11	8	1	66	7	76	4	802298	206	sw	3	29.14	70	45	43		bz	cis		10	
12	8	7	79	4	79	2	807090	206	sw	3	29.15	70	45	44		bz	cis		5	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum 69 67
Minimum 67 66

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 6.9 / On hand 112.1

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

ADDITIONAL SHEET.

U. S. S. ESSEX Date 2 June 1918, 191

8:00 p.m. to Midnight, (continued)

sighted, bearing three points abaft of beam at 9:00 p.m. 10:00 p.m. PLR 59.6 k. 9-10 p.m. rev. per min. 76:4 S.P. 195 lbs. 11:00 p.m. PLR 67.7 k. 10-11 p.m. PLR 59.6 k. 10;11 p.m. rev. per min. 76.6 S.P. 195 lbs. 12:00 midnight PLR 76.4 k. 11- 12 p.m. rev. per min. 79.7 S.P. 190 lbs. revolutions varied slightly between 9:00 and midnight and stadimeter readings of U.S.S. YANTIC taken at short intervals to obtain revolutions per minute to be maintained to keep distance at YANTIC full speed. Gentle southwest to south breezes. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Approved:

L. R. Sutton
Lieutenant Commander, NNV
Commanding Officer

Examined:

J. S. Hakewill
Lieutenant, USNRF-1, Navigator.

4—2590

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 2 June 1918.

REMARKS.

Commences and until 4:00 a.m.
Both Boilers steaming. Light southwest airs, shifting to gentle west breezes. Barometer steady.

C. C. Crone Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 following out morning orders and securing ship for sea. Gentle breeze to light breeze west to west by south and west south west. Barometer steady.

E. Saucerne
Ensign, SUNRF-4 ess

8:00 a.m. to Meridian.
Carrying out morning orders and getting ship ready for quarters 9:00 Left anchorage 8:56 a/m. Departure So. Manitou light abeam 9:10 a.m. PLR 0 Course 210° psc. Bow bearing 45° psc. Sleeping Bear Point PLR 3, at 9:30 Standard speed 78 at 10:00 am PLR 6.9 av. rev. 82 steam 95. Sleeping Bear abeam 10:01 PLR 7.0L. Bearing 120° psc. YANTIC signals 10:00 report No sick No absentees, none in hospital. At 10:30 Sleeping Bear Point Bearing 75° psc. PLR 11. At 11:00 a/m. 15.2 PLR rev. 79, steam 195 lbs. At 11:46 a.m. t. Betsy bow bearing 45° psc. Abeam at 11:39 PLR 20.7 Changed course at 11:47 to 206° psc. At 12:00 noon PLR 23.6. av. rev. 79.9, steam 190 lbs. Average for the watch, rev. 79.9 steam 192 lbs. Had the following drill at 9:43 collision drill, secure at 9:46. Study of the Blue Jacket's Manuel. Light southwest air. Barometer steady.

Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.
Steaming full speed at 80 rev. per min. on course 206° psc. 1:00 p.M. PLR 31.8 12-1 pm, rev. per min. 74.2, s.p. 195 lbs. 2:00 p.m. PLR 40, 1-2 p.m. rev. per min. 78.3 S.P. 195 lbs. Man overboard drill held and log pulled in at 2:05 pm reading 40.4 k. Dummy overboard at 2:03 , life boat lowered at 2:09, picked up by life boat at 2:14, life boat secured at 2:27 TActical drill with US.S. YANTIC held at 2:30 p.m. Discontinued tactical drill at 2:45 p.m. and resumed course of 206° psc at half speed. PLR put out at 2:45 p.m. reading 0. Full speed ahead at 3:00 . PLR 1.4. 2-3 p.m. rev. per min. 65.3 S.P. 195 lbs. Abreast of Manistee pierhead light at 3:30 p.m. 4:00 p.m. PLR 9.6 k. 3-4 p.m. rev. per min. 77.5 S.P. 195 lbs. Standard speed changed to 78 rev. per min. at 4:00 p.m. to permit U.S.S. YANTIC to keep distance at full speed. Average rev. per min. 74.8 S.P. 195 lbs. for watch. Miles made good 32.1. Gentle southwest breezes. Barometer falling.

C. C. Crone Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.
steering course of 206 psc. Standard speed of 80 rev. per min. PLR at 5:00 98 k. Steam 180 lbs., av. rev. 80. Miles made good 9.6 Bow and beam bearing taken on big Sable light, eight miles from shore when abeam at 5:02 6:00 PLR 26.5 k. rev. 80, steam 195 lbs. Miles made good for hour, 9.77 av. rev. for watch 80 av. steam, 190 lbs. Miles made good for watch 19.3 Barometer steady. Gentle breeze from south west.

E. Saucerne
Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Steering course 206° psc at standard speed, 80 rev. per min. PLR 26.5. 7:00 p.m. PLR 35.1 rev. 80, steam 195 lbs. 8:00 p.m. PLR 43.7 rev. 79.8, steam 185 lbs. Checked to slow speed at 8:00 p.m. to send message to YANTIC. Av. rev. for the watch 79.3, steam 193 lbs. Miles made good for watch, 19.7 Wind SW, light breezes. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to Midnight.
Steaming one half speed. Course 206° psc. Took suns azimuth at 8:00 bearing N 60° W. Increased to full speed of 80 rev. per min. at 8:20 p.m. Took on 808 gals. of fresh water between 8:10 and 8:40 p.m. 9:00 p.m. PLR 51.3 k. 8-9 p.m. rev. per min. 70.8 S.P. 190 lbs. Little Sable light

Approved:
L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. E.
G. Wahlberg
Lieutenant, USNRF-1. S. N., Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou Is. TO Great Lakes, Ill. 3 June 1918

L. E. Rutter, XXV Lieut. Comdr. U. S. Navy, Commanding.

Hour	Speed	Revolutions	Distance	Course	Leeway	Knots Run	Course	Wind Force	Wind Direction	Barometer Reduced to 32° Fahr.	Air	Temperatures Dry Bulb	Wet Bulb	Water Surface	Weather and Remarks	Clouds Amount	Clouds Movement	Clouds Height
A.M.																		
1	8	5	84	9	79	9	811836	206	SW	5	29.16	71	45	45		bc	cis	2
2	8	6	93	5	79	5	816620	206	SW	5	29.15	70	47	45		bc	cicu	3
3	8	6	2	1	78	-	821500	206	SW	1	29.14	73	60	46		bc	ci	3
4	8	4	10	5	78	9	825985	206	W	1	29.16	75	50	47		bc	scu	6
5	8	4	18	9	76	-	830640	206	SW.AW	1	29.16	76	56	54		bc	scu	8
6	8	7	27	6	80	-	837353	206	WSW	1	29.15	74	59	57		bc	acu	9
7		At anchor off Great Lakes							)	-	29.15	70	60	58		bc	cis	4
8										-	29.15	76	61	56		bc	cis	5
9									SWXS	1	29.15	74	63	61		bc	cis	5
10									SWXS	1	29.19	75	62	60		bc	scu	8
11	2	7	2	7	76	5	842043	148	SWXS	2	29.22	73	61	59		c	scu	10
12	8	4	11	1	78	1	845735	148	SWXS	1	29.23	74	62	60		c	scu	10

Latitude
Longitude

Latitude
Longitude

Latitude
Longitude

Current: Set
Drift

Magnetic Temperatures

Maximum	A1	71	A2	71
Minimum	65		65	

Compass
S. H
Error
Variation
Deviation

Coal: Received
Expended 22.6
On hand 89.5

Water: Received
Expended
On hand

Distilled
Received
Expended 288
On hand 3848

DRILLS AND EXERCISES.

Division	Morning	Afternoon
1		
2		
3		
4		
5		
6		
7		
8		
9		

P.M.																		
1	8	4	19	5	78	-	867415	175	SSE	2	29.23	74	65	61		cbs	scu	10
2	6	7	26	2	78	8	856100	var.	SSE	2	29.22	78	63	61		cbs	scu	10
3									NE	2	29.28	82	66	64		cbs	scu	10
4	Anchored at Chicago								NE	2	29.36	84	74	72		cbs	scu	10
5									N	1	29.38	80	76	74		cbs	scu	8
6									NE	1	29.38	78	72	70		cbs	scu	8
7									E	1	29.38	77	68	66		bcs	scu	8
8									S	1	29.38	74	67	65		cs	scu	9
9									SSEXE	1	29.39	74	64	65		cs	as	10
10									SXE	1	29.38	74	64	62		bc	cis	6
11									SXE	1	29.38	74	65	62		bc	cis	7
12									SXE	1	29.38	73	64	63		c	as	10

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 3 June 1918, 191

8:00 p.m. to Midnight.
Barometer steady. Calm from south to SE X East. Liberty party aboard at 12:00 midnight

Ensign, USNRF-4 ess

Approved:

L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer,

Examined:

Lieutenant, USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 4 June 1918

REMARKS.

Commences and until 4:00 a.m.
Course 206° psc. Standard speed 80 R.P.M. At 2:05 standard speed 78 R.P.M. 1:00 PLR 84.9 steam 185. Rev' per min. 79.9. Miles made good 9.77 2:00 PLR 93.5. rev. 79.5, steam 200 lbs. Miles made good 9.89. 3:00 a'm. PLR 102.1, steam 200 lbs. Rev. per min. 78. Miles made good 9.89 Wind point abeam, 13.4 miles at 3:53. 4:00 am PLR 110.5 . rev. 78.9, steam 200 lbs. Miles made good 9.66. Stadimeter bearings taken on U.S.S. YANTIC to figure a standard revolution and speed in order that YANTIC can keep in position when she is going full speed ahead. Average for watch, steam 196.3, av. rev. 79.5. Miles made good 39.2. Barometer fluctuating. Light air to Light breeze from south west to west.

Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Steering course 206° psc. PLR 10.5. rev. 78.9, steam 200 lbs. At 5:00 a.m. PLR 18.6 k., rev. 76, steam 175 lbs. At 6:00 a.m. PLR 27.6 k., rev. 80 steam 195 lbs. Took in PL at 6:45. PLR 44. Changed course to 270 at 6:44. Checked to half speed. 6:50, slow speed, Stopped 7:05. Anchored at 7:10 . Calm. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian .
Crew engaged in carrying out morning orders. Weighed anchor and got underway at 10:30 a.m., steaming at standard speed of 78 rev. per min. on course 101° psc. U.S.S. YANTIC 400 yards astern. Waukegan shoal buoy bearing abeam at 10:43 a.m. Changed course to 148° psc and put out patent log reading 0. Ft. Sheridan tower bearing 45° psc at 10:50 a.m. PLR 1.2. Abeam at 11:15 a.m. 3.7 miles off, PLR 4.5 k. 11:00 a.m. PLR 2.7. 10-11 a.m. r.P.M. 78.5, S.P. 195 lbs. Gross Pt. Light bearing 26 1/2° psc at 11:41 a.m. PLR 8.3. 12:00 noon PLR 11.1. 11-12 RPM 78.1, S.P. 190 lbs. av. rev. per min. 78.5, av. steam 195 lbs. for watch. Miles made good 12.8. 1st and second divisions instructed in boat nomenclature, and commands under oars, and in gunnery. Calm to light southwest to south breezes. Barometer steady.

Ensign, USNRF-4 ccc

Meridian to 4:00 p.m.
Course 148° psc. Took bow and beam bearing on Gross point Light. Light abeam 3.3 miles at 12:28. Changed course at 12:50 p.m. to 176° psc PLR 18.1. 1:00 p.m. PLR 19.5 k. rev' 78, steam 190 lbs. Miles made good 9.66. Steered various courses on to harbor. Carter Harrison Crib abeam at 1:47 p.m. PLR 26'2 k. and log taken in. 2:00 readings, rev. per min. 78.8, steam 190 lbs. Stood out in harbor as lighter was at coal dock at 2;10 p.m. Moored at coal dock at 2:45 p.m. Started coaling at 2:55 p.m. Draft of ship 13 ft, 9 in. forward and 15 ft., 7 in aft. Average rev. for watch 78.4, av. steam 190 lbs. Miles made good 17.3. Received 90 tons coal from Pittsburg coal Co. Finished coaling at 3:56, underway at 3:57. Barometer rising. Light breeze from SSE.

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.
Anchored in Chicago Harbor at 4:11 p.m. Draft 14 ft. 5 in. forward and 15 ft. 11 in. aft. 25 fathoms of chain at waters edge. Bearing ship head 282° psc Bearing 169° psc Van Buuren Gap light ship head 270° Bearing 250° psc on inner breakwater light. Ship head 269° psc. Bearing 100 ° psc on outer crib. Ship head 269° psc bearing 257° psc on Montgomery Ward tower At 5:20 received commissary stores aboard, 1000 lbs. bread from Schultz Baking Co., 320 lbs. butter from S. Houston & Son., 165 lbs. carrots from Maurice Cohen Co., 300 lbs. onions from E. Kahn Co., 2100 lbs. potatoes 60 lbs. turnips, 320 lbs. oranges from S. Houston Co.m Wind SSW. calm Barometer steady

Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
Liberty parties ashore at 6:00 and 6:30 p.m. Recd. from H. Channon Co. 1 forge and anvil. Light east airs dying down to calm. Barometer steady.

Ensign, USNRF-4 ccc

Approved:
L.R. Lucas
Lieutenant Commander, USN
Commanding Officer

Examined:
Lieutenant, USNRF

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM CHICAGO TO GREAT LAKES? ILL. 4 June, 1918

Lieut. Comdr. L.R.Rutter, NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bubb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									-	1	29.36	74	65	63		cz	as		10	
2									sxw	1	29.36	75	65	63		cz	as		10	
3									sxw	1	29.37	75	70	68		ocz	as		10	
4									sxw	1	29.36	76	70	68		ocz	as		10	
5									sxw	1	29.36	76	72	70		ocz	as		8	
6									sxw	1	29.37	76	72	70		ocz	as		8	
7									sw	1	29.37	76	70	68		ocz	as		7	
8									sw	1	29.40	77	72	70		bcz	as		7	
9									sw	1	29.40	77	72	70		ocz	as		8	
10	2	9	2	9	79	-	862320	348	sw	1	29.37	77	70	68		ocz	as		8	
11	9	7	12	6	89	4	867685	322	nwxn	1	29.35	74	70	64		ocz	as		9	
12	9	4	22	-	91	4	873170	322	w	1	29.34	75	66	66		ocz	as		9	
									wx											
P. M.																				
1	Anchored at Great Lakes.								nwxw	1	29.35	75	79	77		coz	as		10	
2									NE	1	29.35	68	58	56		coz	cu		10	
3	2	4	2	4	84	3	878223	var	NE	1	29.40	66	60	58		cz	cu		10	
4	2	4	10	8	83	6	883250		NE	1	29.46	65	63	61		cz	cicu		10	
5	3	8	14	6	73	9	878684		NE	1	29.47	76	58	56		bcz	cicu		6	
6									NE	1	29.49	77	57	55		bcz	cicu		4	
7									NE	1	29.49	76	56	54		bcz	cis		5	
8									NE	1	29.49	72	55	51		bcz	cis		4	
9									NE	1	29.48	74	54	50		bc	cis		4	
10									NE	1	29.48	75	53	52		bc	cis		3	
11									NE	1	29.49	77	54	54		bc	cis		4	
12									NW	1	29.49	75	56	54		bcz	cis		6	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

	A1	A2
Maximum	70	72
Minimum	66	65

Compass

S. H

Error

Variation

Deviation

Coal { Received / Expended 12.2 n / On hand 167.1

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

ADDITIONAL SHEET.

U. S. S. ESSEX Date 4 June 1918, 191

6:00 p.m. to 8:00 p.m. (continued)
for men in sight-setting at guns, also following out commands in regard to firing. Light air from NE.

Ensign, USNRF-4 ess

8:00 p.m. to Meridian.

Drills and instructions for Quartermasters in semaphore and Very's night signals. Wind NE calm. Barometer steady.

Ensing, USNRF-4 jsn

Approved:

L. R. Sutton
Lieutenant, Commander, NNV
Commanding Officer.

Examined:

E. E.
Lieutenant, USNRF-1 N., Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 4 June 1918

REMARKS.

Commences and to 4:00 a.m.
At anchor in Chicago Harbor. 25 fathoms chain to waters edge. River Light bearing 220° psc. South Breakwater light bearing 178° Boiler 1 & 2 steaming. Shower from 2:35 a.m. to 2:45 a.m. Calm to light south west airs. Barometer steady.

Ensign, USNRF-4 jan

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders, cleaning ship's sides and hammock cloths, sand and canvasing ladders. Received from Schultz Baking Co. 500 lbs. bread. Received from Wilson & Co. 970 lbs. beef Received for Morris & Co. 100 lbs. Navy luncheon meat, and 150 lbs. pork loins. Light south by west to southwest airs. Barometer steady.

C. C. Crowell.
Ensign, USNRF-4 cec

8:a.m. to Meridian
Ship secure for getting underway at 8:30 and left mooring in Chicago Harbor at 9:10. Drafy forward 14 ft. 4 in., aft, 15 ft. 10 in. Steamed various courses out of harbor. Harrison crib abeam at 9:42. Patent log Ok. Course 348° psc. at 10:00 a.m, PLR 2.9 k. rev. 79, steam 180 lbs. Miles made good 3.33. Changed course to 322° psc at 10:25, PLR 6.6. Bearing taken on Groose point light. Abeam3 miles distant at 10:49 a.m.11:00 PLR 12.6 knots. Average revolutions 89.4, steam 190 lbs. Miles made good 11.1 . Bearing taken on Ravenia tank, abeam at 11:32, 3.6 miles. Bearing taken on Ft. Sheridan Tower, abeam at 11.54 a.m. 3.2 miles.
12 noon PLR 22, revolutions 91.4, steam175 lbs. miles made good 10/8. Average for watch, revolutions 83.3, steam 184 lbs. Miles made good 25.3. Barometer falling. Light air changing from south west to west to west north west.

Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Steering a course of 322° psc, PLR 22. Average revolutions 91.4, steam 175 lbs. Came to anchor at 12:28 p.m. 25 fathoms of chain at the waters edge, in 4 1/2 fathoms of water. At 1:54 Lieut (jg) Ronan came aboard to assist in sub-caliber target practice. At 2:26 p.m. got underway for target practice, standard speed 80 revolutions. At 2:46 PLR 0.2 At 2:55 PLR 1.45 knots. At 3:00 p.m. PLR 2.4 knots. Average revolutions 84 , steam 190 lbs. First bearing on target 3.06 PLR 3.1, course 175° psc. Bearing 50° psc PLR 3.7 knots at 3:10 p.m. course 188° psc. Bearing on target 134 1/2° psc. on the range at 321 st 334. Commenced firing at 3:48 PLR 9.20, course 20° psc. Bearing on target 90° psc. 3:52 PLR 9.85 knots course 16° psc. Bearing 76° psc. 4:00 p.m. PLR 10/8. Revolutions 83.6, steam 187 1/2 lbs. Average for the watch 83.9. At 4:03 1 buoy abeam PLR 11.25 . 4:07 2nd buoy PLR 18.85, 4:12 3rd buoy PLR 12.50, 4:19, 1st abeam /3L4. 4:24 2 buoy abeam 14.1 At 4:28 3 buoy abeam. PLR 14.65 Cease firing and retreat to anchorage. Wind NE light air. Barometer steady.

C. C. Crowell Jr.
Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
Patent log taken at 4:30 p.m. reading 14.8 knots. Left range steering various courses for Great Lakes at 4:38 p.m. Magazine secured at 4:50 p.m. Stopped engines at 4:59 p.m. and let go starboard anchor at 5:02 p.m. in 4 fathoms of water with 25 fathoms of chain at waters edge. Put drift lead out and took soundings forward 3 3/4 fathoms, aft 4 fathoms, Bearing on S. wind mill, 215° psc. Station tower 300° psc. Power house stack 312° psc. 5:00 p.m. R.P.M. 83.9, S.P. 180 lbs. U.S.S. YANTIC stood in and anchored at 5:58 p.m. Foremast bearing 337° psc. Received C&R, Engineering and Office supplies from Great Lakes.as Light northwest airs.Barometer rising.

Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Motor boat left for Great Lakes station for new parts at 7:50
Barometer steady. Drills held in handling boats under oars, also training

Approved:
L. R. Purnell
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. E.
Lieutenant, USNRF-1 S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Illinois TO _____, 5 June, 1918

L.R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Anchored at Great Lakes,								NEXE	1	29.49	73	55	53		bcz	scu		8	
2									ENE	1	29.49	74	54	52		bcz	scu		8	
3									NE	1	29.49	73	52	50		bcz	scu		8	
4									E	2	29.49	78	50	48		bcz	nim		8	
5									SW	1	29.49	80	50	47		cbo	nim		10	
6									NE	1	29.49	74	49	46		cob	nim		10	
7									SE	1	29.49	80	57	54		cor	nim		10	
8									NE	1			65	63		co	as		10	
9									E	1	29.50	80	56	52		co	as		10	
10									NNE	1	29.49	72	56	52		co	as		10	
11									NNE	1	29.52	78	56	53		bc	as		8	
12									NNE	1	29.52	68	56	53		bc	as		7	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 70 A2 69
Minimum 68 66

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended / On hand

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NXE	1	29.55	72	64	62		bc	ci cu		5	
2	1	2	2	2	64	5	891514		MXE	1	29.87	67	57	55		bcf	as		8	
3									NNE	2	29.86	70	57	55		cf	as		10	
4									NNE	2	29.86	70	58	56		cz	cis		10	
5									NNE	2	29.81	74	58	56		cz	as		10	
6									NNE	2	29.81	75	58	56		cz	as		10	
7									NNE	2	29.81	75	60	58		cz	as		10	
8									NNE	1	29.81	75	64	62		cz	as		10	
9									E	1	29.82	76	62	60		ccz	as		10	
10									SE	2	29.80	78	62	60		ccz	as		10	
11									SSE	2	29.80	79	62	60		cc	as		10	
12									S	2	29.80	77	63	61		cc	as		10	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 5 June, 1918.

REMARKS.

Commences and until 4:00 a.m.
Both boilers steaming with banked fires. Started raining at 3:50 a.m. Variable light airs. Barometer syeady.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Light airs from east to south east. Barometer steady. Raining throughout watch. Morning orders carried out.

E. Sarvent
Ensign, USNRF-4 ess

8:00 a.m. to Meridian.
Crew turned to and finished morning orders. Stopped raining at 8:45 a.m. Clark, R.G. S2c USN, transferred to Naval Hospital, Great Lakes. Got underway 10:11, steering various courses, Mr Holsinger conning. Draft forward, 14 Ft. 1 in., aft 15 ft. 9 in. Half speed 10;20, slow speed 10:27 . Stopped 10:28 Anchored 10;36, 45 fathoms chain to waters edge. Carrying on the following drills, morning period, battery practice, sight setting. Wind NE. Light air. Barometer steady.

Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.
Received from Great Lakes, 176 rounds target practice ammunition, 10 rounds service ammunition. Underway at 1:15 p.m. PL out at 1:33 p.m. reading zero. n range at 1:40 p.m. Ceased firing at 1:44 p.m. because of thickening fog. Pulled in P.L. at 1:45 p.m. and steered various courses to anchorage. Dropped starboard at 2:11 p.m. in 4 fathoms of water, with 25 fathoms of chain at waters edge. Put drift lead out. U.S.S. YANTIC foremast bearing 118° psc. U.S.S. GOPHER foremast bearing 328o psc. U.S.S. GOPHER underway at 3:15 and headed on a southerly course. Crew engaged in scraping and filling spars, chipping stack and painting spud lockers. Ice machine taken ashore at 3:15 p.m. Received from Great Lakes, wardroom supplies. Light north by eastairs and north north east breezes. Barometer steady.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 8:00 p.m.
Light breeze from north north east. Barometer falling. Received the following stores from Great Lakes: Office supplies, engineering supplies and smallstores.

E. Sarvent
Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Receive from Great Lakes, 1 bbl. lime, 40 ft. 1 1/2" pipe, galvanized. 21 gals. paint. At 6:50, G.G. Johnson, BM2c left ship on 6 days leave of absence, returning at 8:00 a.m. Tuesday, June 11th. The following drills were held at 7:00 p.m. General quarters, the men being instructed in their duties. Wind NXE light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to midnight.
Charles Didier, S2c, supernumerary from the Gunners mates school left ship at 9:00 p.m. for two days, leave of absence expiring 9:00 a.m. Sat. 6-8-18, by permission of Lieut. Comdr, C.S. Roberts. Light air from east shifting to southa.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

Approved: L.R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined: J.E.
Lieutenant, USNRF-1 N., Navigator.

4—2000

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO , 6 June , 1918

L. R. Rutter, Lieut. Comdr, NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SXE	1	29.80	78	64	62		c	as		10	
2									SE	1	29.80	80	64	62		c	as		10	
3									ESE	1	29.80	81	62	60		c	as		10	
4									ESE	1	29.80	83	60	58		bc	cicu		2	
5									ESE	1	29.80	78	60	58		ccz	acu		10	
6									NE	1	29.80	74	60	58		ccz	acu		10	
7									NNE	1	29.81	74	58	56		bcz	acu		8	
8									NNE	1	29.82	77	60	58		bcz	acu		8	
9									SW	1	29.59	78	73	71		bc	acu		8	
10									SSW	1	29.45	77	77	75		bc	cu		8	
11					85		893790		W	1	29.74	75	73	71		bc	cu		8	
12					85		898460		WSW	1	29.82	75	70	68		bc	acu		6	

P. M.																				
1									NXS	1	28.84	78	78	75		bcz	scu		8	
2									WXS	1	28.83	75	75	80		bcz	scu		7	
3									NWXN	1	28.84	76	76	75		bcz	acu		8	
4									NE	1	28.85	70	70	75		bcz	acu		8	
5									NW	1	28.84	73	73	71		cz	acu		9	
6									NNW	1	28.84	74	74	72		cz	acu		8	
7									NNW	1	28.84	75	72	70		c	scu		9	
8									NNW	1	28.85	74	69	65		c	acu		8	
9									NNW	1	28.85	76	70	67		bc	acu		8	
10									NW	1	28.85	75	66	64		bc	acu		2	
11									NW	1	28.85	74	64	60		bc	acu		1	
12									NW	1	28.85	70	62	60		bc	acu		5	

Lat. and Long. 8 a. m.

Lat. and Long. Noon.

Lat. and Long. 8 p. m.

Current: Set, Drift

Magazine Temperatures: Maximum, Minimum

Compass

S. H

Error

Variation

Deviation

Coal: Received, Expended, On hand

Fuel oil: Received, Expended, On hand

Water: Distilled, Received, Expended, On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
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8		
9		

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 6 June 1918

REMARKS.

Commences and until 4:00 a.m.
Both boilers steaming with banked fires. Light air from south by east shifting to east south-east. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m., scrubbing hammocks and bags, carrying out morning orders. Light air, NNE. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian.
U.S.S. YANTIC got underway at 8:55 a.m. and anchored to north of target at 9:23 a.m. Weighed anchor and got underway at 9:55 a.m. for short range battle practice. Patent log put out at 10:06 a.m. On range at 10:10 a.m. 1st run, starboard battery firing 40 rounds from 10;59 a.m. to 11:07 a.m.
Hits per gun #1- 1, #3 - 4, #5 -2
2nd run port battery fired 40 rounds from 10:59 to 11:07
Hits per gun. #2- 2, #4- 3, # 6 - 2
3rd run, starboard battery fired 40 rounds from 11:26 to 11:44 a.m.
Hits per gun #1 2, #3 3, #5 2
4th run, port battery fired 40 rounds from 12:03 to 12:41 p.m.
Hits per gun #2 1, #4 2, $6 3
Total rounds 160, total hits, 27. Patent log hauled in and ship brought to anchor in 9 fathoms of water about 300 yards south of target with 45 fathoms of starboard anchor chain at waters edge. Light air shifting between west and west southwest. Barometer steady.

Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
The following stores received aboard from G.S.K. dept. , Great Lakes: 10 bags flour, 19 cases jam, 10 cases milk, 10 bags sugar, 1 50 gal. drum of gasolene at 1:53 p.m. Crew engaged in painting ship's stack, cleaning life boats, making new cloths for hammock mattings. Instruction given in the lead line to quartermasters. U.S.S. YANTIC got underway for short range battle practice at 2:03 Yantic started firing at 2:09. U.S.S ESSEX observing xx Barometer fluctuating. Light air shifting between west by south and north east.

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.
At 4:30 p.m. got underway, steering various courses, Captain conning. for Great Lakes. Anchored 4:56 p.m., 25 fathoms of chain at waters edge. Took bearing on Administration Building Tower bearing 294° psc Outer breakwater light, Waukegan harbor 2° psc Wind NW. Light air. Barometer steady.

Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
Light north, north west airs. Barometer steady.

Ensign, USNRF-4 cec

8:00 p.m. to midnight.
Drills for quartermasters in the Semaphore and blinker system, ofsignal Light airs shifting from north north west to north west. Barometer steady.

Ensign, USNRF-4 ess

Approved:

L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer

Examined:

Lieutenant, USNRF-1 Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO _____, June 7, 1918

L. R. Rutter Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry-Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.	Anchored at Great Lakes, Ill																			
1									NW	1	28.85	74	68	66		b				
2									NW	1	28.85	73	67	65		bc	acu		2	
3									N	1	28?85	76	63	61		b				
4									N	1	28.85	77	60	62		b				
5									NXW	1	28.86	75	58	56		baz	cis		4	
6									NNW	1	88.86	76	57	55		bc	cis		3	
7									NNW	1	28.87	66	58	56		bc	cis		3	
8									NW	1	28.87	68	60	57		bc	cis		3	
9									NW	1	29.09	68	58	56		bc	cis		2	
10									NW	1	29.07	68	58	56		b	cis		2	
11									NXE	1	29.07	69	59	57		bc	cis		2	
12									NXE	1	29.07	69	59	57		bc	cis		4	
P. M.										1										
1	1	3	1	3	70	1	903667	146	EXS	2	29 .1170		54	52		bc	cis		2	
2	8	3	9	6	77	2	908095		ESE	2	29.11	70	52	52		bc	cis		5	
3	8	2	17	8	75	7	912640		SEXE	2	29.12	70	54	54		bc	cis		5	
4	7	9	25	7	78	6	917360		SEXS	2	29.17	70	56	54		bc	cis		6	
5					66		919340		SW	1	29.18	70	57	55		bc	ci		2	
6									S	1	29.19	72	52	50		bc	cicu		5	
7									SE	1	29.20	71	58	56		bc	cicu		6	
8									S	1	29.20	70	58	56		bc	ci		7	
9									S	1	29.18	69	58	56		bc	cis		1	
10									S	1	29.00	69	58	56		bc	cis		1	
11									S	1	29.00	68	60	58		bc	cis		1	
12									S	1	29.00	72	60	58		bc	cis		1	

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—8599

UNITED STATES SHIP Essex 7 June 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored at Great Lakes, 25 fathoms of chain at waters edge. Bearing administratio Building Tower, 294° psc Outer Breakwater light, Waukegan 2° psc Boilers 1 and 2 steaming. Pumped bilges at 2:55 a.m. Wind N Light airs Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders, sweeping down and holystoning both decks, cleaning sides and all parts of ship Lightnorth, north east airs. Barometer steady.

C. C. Crawford

Ensign, USNRF-4 cec

8:00 a.m. to Meridian
Crew engaged in general field day, holystoning decks, painting hatches, and polishing all bright work. Also cleaning all boats. At 8:05 10 boxes containing empty three pounder cartridg cases, 16 in each box. And 1 box containing 8 empty and 8 loaded cartridges, returned to ordnance deptartment, Great Lakes. Received from Great Lakes, 8 coils manilla line, 2 gross brass grommets. 1 pkg. sail needles, 3 No. 7 ensigns, 2 cases bees wax. Barometer steady. Light air from north west shifting to light breezes from north east.

Ensign, USNRF-4 essq

Meridian to 4:00 p.m.
Got underway for Chicago, Illinois at12:45:p.m. Wantic guide at 4000 Yards. Draft 13 ft 7 in. forward, 15 ft. 7 in. aft. Full speed at 12:53 p.m. course, 144° psc. PLR 1.3 knots. Revolutions 70, steam 195 lbs. Bearing on Ft. Sheridan 45° psc at 1:00 p.m. PLR 1.3 knots. Abeam at 1:25 p.m. bearing 90 psc, PLR 4.4 At 1:25 p.m. changed course to 146° psc At 2:00 p.m. PLR 9.6 knots. Average revolutions 70, steam 195. Steering various courses. Taking on water at 2:15 p.m. Mr. Holsinger conning. At 3:00 p.m. PLR 17.8 Revolutions 75.7 steam 190 lbs. Finished taking water at 3:20 p.m. PLR 17.8 Revolutions 78 .6, steam 170 lbs. Hauled in PL reading 25.7 at 3:55 p.m. Wind SEXS Bar. steady.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
Stood in Chicago harbor at 4:15 p.m. and moored off Randolph St. dock at 4:34 p.m. U.S.S. YANTIC stood in harbor at 4:30 p.m. and anchored at 4:40 p.m. Light southwest airs. Barometer rising.

C. C. Crawford

Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Liberty party left at 7:00 p.m. No. 2 boiler dying out. Wind south, light air . Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to midnight
Wind south. Light air. Barometer steady.

Ensign, USNRF-4 jsn

Approved:
L. R. Rumsey
Lieutenant Commander, NNV
Commanding Officer.

Examined:
J. E.
Lieutenant, USNRF U.S.N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO _____, 8 June 1918, 191

L.R.Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Moored at Chicago								SW	2	29.02	70	58	56		bc	cis		2	
2									SW	2	29.02	68	58	56		bc	cis		3	
3									SW	1	29.02	76	58	56		bc	cis		3	
4									SW	1	29.02	76	58	56		b			-	
5									SW	1	29.16	76	58	56		cb	s		4	
6									SXW	1	29.16	74	58	56		bcz	cis		3	
7									SSW	1	29.21	70	59	58		bcz	cis		4	
8									SW	1	29.26	66	60	59		bcz	cis		5	
9									SW	1	29.26	68	65	63		hcx	cis		5	
10									SW	1	29.26	68	66	64		bcz	cis		5	
11									SXW	1	29.25	69	69	67		bcz	cis		8	
12									SXW	1	29.25	69	69	67		bcz	cis		8	

Lat. Latitude
Long. Longitude

Noon. Latitude
Long. Longitude

Lat. Latitude
Long. Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Made fort-nightly test of S.P. samples, condition good.

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 14400 / On hand 273900

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2	Drill, boats under	
3	oars.	Infantry drill
4		
5		
6		
7		
8		
9		

P. M.																				
1									SW		1	29.28	73	71	69		bcz	as		7
2									SSW		1	29.29	75	73	71		bcz	as		6
3									SSW		1	29.29	75	78	76		bcz	as		6
4									SSW		1	29.29	75	76	74		bcz	as		6
5									SW		1	29.29	67	73	71		bc	as		7
6									SW		1	29.30	67	69	67		bc	as		3
7									SW		1	29.29	67	76	71		bc	as		3
8									WSW		1	29.28	66	74	72		bc	cicu		4
9									SW		1	29.28	76	72	70		bc	cicu		2
10									SW		1	29.28	75	71	69		bc	cicu		2
11									WSW		1	29.28	75	70	68		bc	cicu		3
12									SW		1	29.28	73	68	66		bc	cicu		2

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 8 June 1918

REMARKS.

Commencing and until 4:00 a.m.
Moored to the ILLINOIs Central dock, Chicago Harbor. No. 2 boiler steaming for auxiliary purposes. Wind SXW. Light air. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders/ scrubbing down both decks, and getting ship ready for inspection. One absentee, Swanson, H.C., Cpsmth,2c USN. Wind SW. Light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian.
Captain carried on morning inspection at 9:30 a.m. Drill with boats under oars at 10:00 am. C. Didier S2c reported from leave of absence, having reported at Great Lakes, at 8:00 a.m. Received from North Shore Fruit & Produce Co. 2 bbls. apples at 11:15 a.m. Engineering Dept. cleaning turbines and looking over engines. Barometer falling. Light air from south west shifting to south-south west.

Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Received from O.F. Meyer 100 lbs. frankforts, 100 lbs Hamburg, From Morris & Co. 100 lbs. liver sausage. Drill party consisting of super - numeraries and ship's company shoved off at 2:00 for instruction in school of squad amd company. Received from S. Houston & son, 2 tubs butter, 1500 lbs potatoes, 4 boxes oranges at 1:50 p.m. Received from Wilson & Co. 102 lbs. beef hearts at 3:05 p.m., from M.J. Power 6 cases eggs. Drill party reported back to ship at 3:50 p.m. Barometer steady. Light air from south-south west

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.
H.C. Swanson, Cpsmth2c, returned aboard, 8 and 1/2 hours over leave. G.H. O'Laughlin #3c-r and B.C. Lizenbury, E3c-r who were working on aerial returned to Great Lakes, Barometer rising. Light air from south-south west

Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Eight o'clock reports made . Barometer falling. Light air shifting from south west to west- south west. Crew mustered at 7:45 p.m. the following men were reported absent without leave: A.A. Anthony, H.E. Barlett and J.R. Gable.

Ensign, USNRF-4 ess

8:00 p.m. to midnight.
Barometer steady. Light air shifting between west south-west and south west.

Ensign, USNRF-4 ess

Approved:

Lieutenant Commander, NNV
Commanding Officer

Examined:

Lieutenant, USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, ILL. TO _____, 9 June, 1918

L.R. Rutter Lieut. Comdr. NNV, _____, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Moored at Chicago, Illinois								SW	1	29.30	70	68	66		bc	cicu		4	
2									SW	1	29.30	71	68	66		bc	cicu		4	
3									SW	1	29.30	71	68	66		bc	cicu		10	
4									SW	1	29.30	76	68	66		bc	cicu		8	
5									SW	1	29.30	78	66	64		bc	cicu		7	
6									SW	1	29.27	77	66	64		bc	as		8	
7									SW	1	29.26	76	66	64		bc	acu		7	
8									WSW	1	29.27	74	68	64		bc	acu		7	
9									W	1	29.28	75	71	66		bcz	cicu		8	
10									W	1	29.27	77	74	67		bcz	cicu		6	
11									W	1	29.27	74	78	72		bcz	cicu		6	
12									WXS	1	27.28	77	80	72		bcz	ci		5	

Noon. { Latitude / Longitude

P. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum A1 75 A2 71
Minimum 70 69

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 6300 / On hand 267600

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SW	1	29.27	86	82	79		bc	cicu		5	
2									SXW	1	29.27	84	82	80		bc	acu		4	
3									W	1	29.28	83	88	85		bc	cicu		3	
4									W	1	29.27	86	87	85		bc	cicu		3	
5									WXN	1	29.27	86	87	85		bc	cicu		4	
6									NXW	1	29.27	86	86	84		bcz	cicu		4	
7									N	2	29.27	86	66	64		bcf	st		10	
8									NXW	1	29.27	77	65	63		cod	scu		8	
9									NXW	1	29.25	77	66	64		co	scu		8	
10									NXWNXW	1	29.25	76	62	60		bcz	scu		7	
11									NW	1	29.25	81	60	58		cz	as		10	
12									W	1	29.25	71	58	56		cz	as		10	

Commanding Officer.

Lieutenant Commander, NNV

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 9 June 1918.

REMARKS.

Commencing and until 4:00 a.m.

Barometer steady. Light air from southwest. The following men who were declared absent without leave reported, H.E. Bartlett at 3:43 a.m. J.R. Gable, at 3:05 a.m.

E.S. Sarsuse
Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.

Crew turned to at 5: 30 following out morning orders. Liberty party returned a t 8:00 a.m. with exception of W.J. Cristoe, S2c. Barometer falling. Light air from south west. A.A. Anthony who was declared absent without leave reported to ship at 4:25 a.m.

E.S. Sarsuse
Ensign, USNRF-4 ess

8:00 a.m. to Meridian

Supernumeraries out practicing in boats under oars. Light west southwest to west breezes. Barometer steady.

C.C. Crane Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

Visitors received aboard. Supernumeraries out practicing in boats under oars. Light southwest to west airs. Barometer steady.

C.C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

All visitors ashore at 5:00 p.m. Light west by north to north by west airs. Barometer steady.

C.C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Started raining tat 6:00 p.m. Light north breezes dying down to calm. Barometer steady.

C.C. Crane Jr.
Ensign, USNRF-4 cec

8:00 p.m. to Midnight

Stopped raining at 8:05 p.m. Excursion steamer City of Columbia tied up forward af dock at 10:20 p.m. Light northwest airs shifting to north. Barometer steady.

C.C. Crane Jr.
Ensign, USNRF-4 cec

Approved:

L.R. Rueter
Lieutenant Commander, NNV
Commanding Officer

Examined:

G.H. Halsinger
Lieutenant- USNRF-1 U.S.N. Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO _____, 10 June, 1918 191

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M. 1	Moored at Chicago Ill.								N	1	29.25	73	57	55		cz	as		10	
2									N	1	29.25	75	58	56		czf	as		10	
3									N	1	29.25	72	58	56		cxf	as		10	
4									N	1	29.25	72	59	55		czf	as		10	
5									NW	1	29.	2673	57	56		czf	as		10	
6									NW	1	29.26	74	62	60		czf	as		10	
7									N	1	29.26	71	61	59		czf	as		10	
8									NE	1	29.26	71	60	58		czf	as		10	
9									NE	1	29.21	71	64	62		cf	as		10	
10									NE	1	29.21	71	64	62		cf	as		10	
11									NXE	1	29.20	70	60	62		ocz	as		10	
12									NXE	1	29.20	69	67	65		ocz	as		10	

Sa. m. { Latitude / Longitude
Noon. { Latitude / Longitude
Sp. m. { Latitude / Longitude
Current { Set / Drift

Magazine Temperatures:

	A1	A2
Maximum	74	76
Minimum	71	71

Compass
S. II
Error
Variation
Deviation

Coal { Received / Expended 2.1 / On hand m131.6

Fuel oil { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Moored at Chicago Ill								NE XE	1	29.21	67	63	61		ocz	as		10	
2									NXE	1	29.20	65	62	60		ocz	as		10	
3									NXE	1	29.20	67	78	76		ocz	as		8	
4									NE	1	29.20	68	71	69		fc	as		10	
5									NW	1	29.20	70	71	69		coz	as		10	
6									NXW	1	29.20	64	66	64		cb	cicu		8	
7									NW	1	29.15	62	66	64		cb	cicu		4	
8									NW	1	29.13	64	60	58		cf	cicu		5	
9									NW	1	29.13	64	60	58		cf	cicu		10	
10									N	1	29.14	65	57	55		cf	s		10	
11									N	1	29.14	63	55	53		cf	s		10	
12																				

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 10 June 1918.

REMARKS.

Commences and until 4:00 a.m.

Boiler "A" steaming for auxiliary purposes. Light north airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.

Crew turned to at 5:30 a.m. carrying out morning orders, scrubbing hammocks, bags and clothes, cleaning scuppers and shutes. Liberty party returned, one absentee, C.V. Ruggles, S2c, USN/ J.H. Jennings, Cab-ck 1 1/2 hrs. overtime. E. Wheeler Wr-ck. USNRF-4 1 1/2 hrs. overleave. Light north and north west airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

8:00 a.m. to Meridian

Crew turned to carrying out morning orders. Held the following drills at 9:15 a.m., fire drill at 10:15, bag inspection for 1st and 2nd divisions Received from Consumers Ice Co. 5200 lbs. of ice, Received 800 lbs' bread from Shultz Baking Co. at 10:00 a.m. No. 1 boiler died out at 10:00 a.m. Ruggles C.V., S2c, absentee returned from liberty 3 1/2 hrs. late at 11:30 a.m. Light airs. Barometer steady.

Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.

Crew turned to finishing morning orders, 1st and 2nd divisions washing clothes. Received 680 lbs. beef from Wilson & Co. at 1:20 p.m. Received 200 lbs bread from Shultz Baking Co.. Wind NXE. Light airs. Barometer steady.

Ensign, USNRF-4 jsn

4:00 to 6:00 p.m.

At 5:30 p.m. fire started in No. 2 boiler. At 6:00 p.m. liberty party shoved off. Wind NW, light airs. Barometer steady.

Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.

Light airs from NW. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to midnight.

At 9:15 heavy fog set in. At 10:00 p.m. No. 2 boiler cut in At 11:30 pumped bilges. All liberty party returned on time. Wind N Barometer steady

Ensign/ USNRF-4 jsn

Approved: L. R. Sutton
Lieutenant Commander, NNV
Commanding Officer.

Examined: 2.E
Lieutenant, USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Ill. TO Great Lakes, Ill., 11 June, 1918

L.R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log.	Tenths	Average Revs.	Tenths	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Moored to dock at Chicago.								NXW	1	29.11	75	57	55		bc	s		6	
2									CALM	-	29.11	76	58	56		bc	cis		1	
3									CALM	-	29.11	75	58	56		cb	cis		1	
4									CALM	-	29.11	75	58	56		cb	cis		1	
5									SW	1	29.11	74	60	58		c	f		10	
6									S	1	29.11	72	60	58		f	f		10	
7									S	1	29.11	79	61	59		f	f		10	
8									S	1	29.06	75	66	64		bcz	as		9	
9									S	2	29.07	74	70	82		bcz	as		7	
10	3	-	3	-	74	9	922870	348	SW	2	29.07	72	84	68		bcz	as		7	
11	8	2	11	2	78	3	927565	322	WSW	3	29.06	74	70	72		bc	as		6	
12	8	3	19	5	77		932195	323	SW	3	29.06	74	70	70		bc	as		6	
P. M.																				
1	5	1	21	6	79	5	936169	4	SW	4	29.05	84	83	81		bz	cis		3	
2	Anchored off Great Lakes.							4	SW	4	29.05	83	83	81		bz	cis		3	
3								4	SW	6	29.04	91	90	88		bz	cis		2	
4								335	SW	6	29.04	90	90	88		bz	cis		2	
5	2	8	2	8	80	4	938206	333	SW	6	28.76	88	86	84		bcz	cis		4	
6	8	4	11	2	82	9	943180	270	W	5	28.76	86	76	76		bcz	cis		4	
7	8	5	19	7	85	5	948310		NW	5	28.76	78	74	72		bcz	cis		4	
8	8	6	28	3	88	7	953630		NW	5	28.76	76	67	65		bcs	cis		4	
9	8	9	37	2	84	5	958700		NW	4	28?75	76	67	65		bcz	cis		7	
10	6	2	43	4	79	2	963450		NW	4	28.75	80	70	68		bcz	cis		7	
11	Anchored Milwaukee harbor								WXN	3	28.79	80	70	68		bcz	cis		8	
12									WNW	3	28.79	80	72	70		bcz	cis		6	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		8:55 p.m. fire and collision drill

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 11 June, 1918

6:00 p.m. to 8:000 p.m. (continued)

Pier light 4.1 miles distant when abeam, at 6:27 p.m. PLR 19.3 knots. 7:00 p.m. PLR 19.7 knots, R.P.M. 85.5, S.P. 190 lbs. Took 26 1/2°, 45° and 90° bearing on Racine reef light, 2.4 miles distant when abeam at 7:26 p.m. Changed course to 333° psc at 7:30 p.m. PLR 24.1 knots. Took bow and beam bearing on Wind point light 2.2 miles distant when abeam at 7:50 p.m. 8:00 p.m. PLR 28.3, R.P.M. 88.7, S.P. 185 lbs. ,iles made good for watch 20.5, average R.P.M. 84.3, av. S.P. 182 lbs. for watch. Fresh northwest breezes. Barometer steady.

L.C. Crane Jr.
Ensign, USNRF-4 cec

8:00 p.m. to midnight.

Steering course of 333° psc. Fire and collision drill carried on at 8:15. 9:00 readings PL 37.2 knots, av. rev. 84.5, steam 185 lbs. Miles made good10.6 Steered various courses at 9:39. Patent log taken in at 9:50 reading 43.4 knots. 10:00 readings rev. 79.2, steam 185 lbs. Anchored at 10:08 in 36 ft. of water with thirty fathoms of anchor chain out at the waters edge. Draft aft 16 ft., forward 14 ft. Bearing taken on South Pierhead light 260° psc, on Milwaukee Breakwater light 167° psc. Av. rev. for watch 81.8, steam 185 lbs. miles made good 18.1. moderate to gentle breeze from north west to west northwest.

E.S. Carmine
Ensign, USNRF-4 ess

Approved:

Lieutenant Commander, NNV
Commanding Officer.

Examined:

P.S.
E. Hawkins, Lieutenant, USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Page .....

Approved:

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 11 June, 1918, 1918

Meridian to 4:00 p.m. (continued)

Carlin, F.A.	Cooper , D.	Donahue, J.J.	Gillispie, J.R.	Quackenbush, D.B.
Child, R.J.	Cunio, S.E.	Duffy, C.L.	Magnuson, A.E.	Schultz, G.H.
Cinia, A.B.	Curry, F.J.	Easley, G.C.	Irwin, H.F.	Smith, R.B.
Classen, G.M.	Daniels, D.P.	Ellison, R.F.	O'Malley, A.C.	Wittine, H.W.
Cleaver, R.G.	Davis, J.C.	Ewert, G.E.	Peters, C.E.	Hill, J.H.
Collins, A.J.	Didier, C.	Eyrich, E.V.	Predmore, H.E.	

Received the following men from the station for training:

Bennett, D.B.	Falconer, W.E.	Lackey, O.A.	McCormack, W.D.	Scanill, A.F.
Blakely, R.A.	Hanberry, J.L.	Lahr, W.A.	Molloy, V.C.	Vesperman, F.W.
Breen, W.A.	Hite, H.W.	Miller, W.S.	Morehead, V.A.	Welter, E.H.
Browne, W.H.	Kossow, J.E.	Mock, M.F.	Nedom, A.	Wharton, L.S.
Claypool, N.H.	Krueger, A.C.	Morgan, D.W.	Nolan, J.	Whitaker, D.R
Conn, L.B.	Kleiber, C.A.	Mumaw, L.W.	Putnam, L.C.	Wennardt, C.W.
Dean, J.H.	Knudson, S.A.	Masters, M.W.	Robinson, F.A.	Young, F.W.
Dubbs, R.	Lee, W.W.	McCarty, A.W.	Routsong, R.A.	Tennant, C.L.

Men from Coxswains school in charge of J.J. Doyle.

Wohlgemuth, C.J.	Kelley, G.B.	Patterson, H.F.	Launt, A.S.
Williamson, D.F.	Overton, L.R.	Custer, P.M.	Lindemann, G.F.
Wescot, RF.	Poggemiller, C.H.	Housiaux, J.B.	Lyons, J.J.
Woltemade, W.	Pallock, T.L.	Henary, C.R.	Mueller, C.
Wegele, H.J.	Peterson, H.E.	Hunter, B.C.	McIntosh, J.P.
Witmer, H.C.	Robinson, D.J.	Oberg, R.J.	Wright, L.L.
O'Brien, M.J.	Ratzlaff, H.J.	Jonnson, J.G.	
Anearn, E.C.	Reynolds, J.E.	Jonnson, E.	
Boyle, A.L.	Scovell, V.F.	Jacobsen, J.M.	
Bell, J.G.	Stuart, W.U.	Kobb, D.V.	
Freeman, J.B.	Williams, S.H.	Kellogg, B.F.	
Haming, O.E.	McCollum, E.L.	Kelley, T.J.	
Jolly, P.G.	Bergren, C.H.		
Kuklinski, T.P.			

The following men from the Gunners mates school in charge of K/ Lewis, GM3c

Adams, M.G.	Cohler, E.	Donavan, D.J.	Hunt, E.M.	
Ankeny, R.J.	Coy, D.L.	Dunn, J.L..	Jamrosy, W.J.	Langworth, O.F.
Atchinson, F.	Crooksmank, J.C	Eagan, G.F.	Johnson, R.I.	
Atkisson, L.D.	Cupp, C.O.	Enares, F.	Keeley, R.M.	
Barnes, J.M.	DeFranco, M	Frimml, W.J.	Keesey, J.M/	
Brooks, W.F.	Denromanule, G.J.	Gates, T.F.	Kersting, E.A.	
Brown, M.M.	Errsome, H.R.	Girard, D.D.	Kersting, F.M.	
Bykowski, H.B.	Desplage, H.H.	Heany, J.J.	Kildow, C.W.	
Bykowski, J.P.	Dickey, G.D.	Hendrix, R.A.	Kiser, C.W.	
Chingren, C.	Devlin, C.J.	Hoffmeyer, F.	Klaeser, C.J.	
Clements, J.A.	Donnelly, G.	Hughes, J.I.	Lange, D.F.	

G.G. Johnson, BM2c, NF-2 reported from leave of absence at 1:55 p.m. He reported at Great Lakes at 7:20 a.m. and waited for ship's arrival. F.E. Carlson, S2c, supernumery from the Coxswains school taken to Naval Hospital at Great Lakes, for treatment for Ensocarditis, acute. Barometer falling. moderate breeze to stong breeze from south west. V.C. Molloy, S2c, supernumery from the Quartermasters school, sent back to station on account of venereal disease.

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.

Received from the Station one box office stationery, and 12 sheets gal. iron for C&R dept. Got underway at 4:27 p.m. steering various courses, Captain conning. Put out PLR 0. at 4:40 p.m. Course at 4:54 p.m. 4° psc. Waukegan light bearing 4:45° at 4:45 p.m. PLR 1.9 knots. Bearing 90° psc at 5:02 p.m. PLR 3° knots. revolutions, 80, steam 180 lbs. At 6:00 p.m. PLR 11.2 revolutions, 82.9, steam 180 lbs. Wind NW. Fresh breeze. Barometer steady.

Ensign, USNRF-4 jsn

6:00 p.m. to, 8:00 p.m.

Steaming standard speed of 82 revolutions per minute on course 4° psc. Held Bag inspection for all hands. Took bow and beam bearing on Kenosha

Approved: L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
Lieutenant, USNRF-4 N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ADDITIONAL SHEET.

Marylan to 8:00 p.m. (continued)

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 11 Jun. 1918.

REMARKS.

Cimmences and until 4:00 a.m.
Moored at the Illinois central dock, Chicago Harbor. Boiler "B" steaming for auxiliary purposes. Fog lifted 1:00 p.m. Calm. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Turned to at 5:00 a.m. getting ship ready for coaling. At 6:00 a.m. heavy fog set in. At 6:05 cut in boiler "A". Got ship ready for getting underway at 7:00 a.m. Draft aft 15 ft. 9 in., forward, 13 ft. 8in. Got underway for coal dock at 7:40 a.m. Arrived coal dock at 7:55 a.m. Light air from sothis. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian
Finished taking on 55 tons of coal at Pittsburg Coal Dock at 8:40 a.m. and started general field day. Underway at 8:47 a.m. Stopped engines outside of harbor from 8:32 a.m. to 9:20 a.m. while boats were hoisted. Steamed full speed on various courses. Changed course to 348° psc when abeam Carter Harrison Crib at 9:40 a.m. PLR .2 knots. Slowed down to standard speed of 78 revolutions per minute at 10:00 a.m. PLR 3 knots, average revolutions 77.9 steam pressure 180 lbs. Changed course to 322° psc at 10:28 a.m. PLR 7.1 knots. Took bow and beam bearing on Gross pt. light, 2.4 miles distant when abeam at 10:55 a.m. At 11:00 a.m., course 322° psc, PLR 11.2 knots. average revolutions 78.3, S.P. 195 lbs. At 12:00 noon, course 322° psc, PLR 19.5 knots, A.R. 77, S.P. 190 lbs. Miles made good for watch 23.2 average revolutions 67.4, average steam 188 lbs. for watch. Light south air shifting to gentle southwest breezes. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Steering course of 322° psc. Bearing taken on Ft/ Sheridian tower, distance 3.6 miles when abeam. Patent log taken in at 12:37, PLR 24.6 steering various courses at 12:45. Dropped anchor at 12:52 p.m. in 23 ft. of water 25 fathoms of chain at the waters edge. Miles made good for watch, 6.1, average revolutions 79.5, steam 185 lbs. Draft of ships, 14 ft. forward, 16 ft. aft/ Transfered to Great Lakes Training Station at 1:25 p.m., 40 men from Quartermasters school, 44 men from the Coxwains school and 44 men from the Gunners mates school as per attached list. The following is a list from the Coxswains school:

Anthony, E.W.	Foley, M.J.	Kelley, W.M.	Mc Kinley, W.D.
Bailey, H.R.	Flanner, K.	Jobe, J.A.	Marriott, J.S.
Blaylock, F.R.	Gallagher, J.C.	Long, R.R.	Mauck, S.C.
Chase, J.E.	Goble, O.B.	Karst, E.	Myers, R.B.
Callahan, H.E.	Gossi, E.D.	Kissick, W.G.	Mitchell, B.
Covington, R.M.	Hamilton, H.A.	Larsen, T.H.	Olson, G.
Dolhaman, F.A.	Havelka, F.J.	Larson, E.N.	Past, G.
Dale, S.C.	Hill, R.L.	LaFouge, G.W.	Patterson, R.S.
Davis, M.J.	Jackson, J.F.	Long, W.O.	Payne, L.M.
Dunlap, F.E.	Jewett, C.R.	Lynch, C.	Allen, O.S.
Fogerty, M.J.	Patterson, F.D.	Luecking, M.A.	Luchini, A.A.

The following are the men from the Quartermasters.

Allen, F.E.	Bullis, G.L.	Dunwoody, M.F.	Jacobs, R.W.	
Abernathy, M.E.	Clyde, E.J.	Frederickson, A.F.	Johnson, R.E.	
Bergevin, L.H.	Clark, J.S.	Foss, M.W.	Krueger, Wm.	
Birdwell, O.G.	Cushman, F.B.	Gunter, A.	Dungar, Lee	
Brown, R.J.	Covey, E.F.	Gable, J.P.	Lindholm, J.D.	
Bittner, W.F.	Clark, Jas. S.	Garfison, L.	Larsen, S.P.	
Binder, J.E.	Campbell, O.R.	Hackett, G.M.	Mooney, C.B.	
Belford, D.	DeWitt, C.W.	Harlan, J.S.	Sonwab, L.S.	
Batson, R.A.	McCartney, F.S.	Hill, R.J.	Pachar, A.J.	
Bennett, J.W.	Clark, O.E.	Higgins, H.A.		
		Hebert, G.M.		

The following are the men from the Gunners Mates school:

Adele, A.C.	Aveningo, A.J.	Bartlett, H.E.	Branson, J.P.	Brueggeman M.C
Anderson, D.M.	Banner, W.J.	Boeck, E.W.	Brains, J.L.	Bryant, H.A.
Anderson, S.R.	Barron, J.B.	Botkin, S.M.	Bormus, C.C.	Callahan, J.E

Approved:
L. R. Rumer
Lieutenant Commander, NNV
Commanding Officer

Examined:
J. E.
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Milwaukee, Wis. TO _____, 12 June 1918, 191

L.R. Ruttery NNV Lieut. Comdr., *U. S. Navy, Commanding.*

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1	Anchored, Milwaukee Harbo r								NW	1	28.77	79	70	68		b	-		-	
2									NW	1	28?78	78	68	66		b	-		-	
3									NWXW	1	28.78	77	67	65		bc	-		-	
4									NW	1	28.78	76	67	65		bc			2	
5									NW	1	28.78	74	64	62		bc	cis		2	
6									NW	1	28.78	74	64	62		bc	cis		4	
7									NW	1	28.78	74	66	64		bc	cicu		5	
8									NW	1	28.78	74	64	62		bc	cicu		6	
9									NXW	3	28.78	74	62	60		bc	cu		6	
10									NXW	3	28.78	74	60	58		bc	cu		7	
11									NNW	2	28.79	74	62	60		bc	cu		7	
12									NNW	3	28.79	74	60	58		bc	cu		7	
P. M.																				
1									NXW	2	28.79	80	66	64		bc	acu		5	
2									NXW	2	28.79	75	66	64		bc	acu		5	
3									NXW	2	28.79	78	64	63		bc	acu		5	
4									NXW	2	28.79	76	65	63		bc	acu		4	
5									NXW	2	28.79	74	64	62		bc	acu		4	
6			6	8	74	7	964384	27	NXW	2	28.79	63	60	58		bc	cis		5	
7	8	3	15	1	78	-	973067	27	NXW	1	28.79	63	45	42		bc	cis		6	
8	8	2	23	3	77	8	977740	27	NXW	1	28.79	69	46	44		bc	cis		4	
9	8	3	331	6	77	8	982410	27	NW	2	28.77	62	41	39		bc	acu		2	
10	8	2	39	8	78		987090	27	NW	2	28.77	62	40	38		bc	acu		2	
11	8	3	48	1	755		991775	27	NW	2	28.77	60	40	37		bc	acu		1	
12	8	4	56	5	78-		996455	27	NW	1	28.77	62	40	37		bc	acu		1	

Sa. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

Sp. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum A1 75 A2 76
Minimum 71 71

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal: Received _____ Expended 14.2 On hand 164.5

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1	Nomenclature of ship	
2	deck seamanship	
3	Battery drill	
4		
5	20 men to Medical	
6	officer for	
7	1st ais instruction	
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 12 June, 1918.

REMARKS.

Commencing and until 4:00 a.m.

Anchored in Milwaukee Harbor, 30 fathoms of chain at waters edge, in 36 ft. of water. Bearing 260° psc on Northwestern Depot, 167° psc on Breakwater light, 200° psc on south Pier head light. Boilers 1 and 2 steaming for auxiliary purposes. At 3:50 a.m. pumped bilges. Wind NW to NWXW. Gentle breezes. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.

Crew turned to at 5:20 a.m. carrying out morning orders: cleaning and touching up sides, lowering boats, scrubbing hammocks and decks. Light northwest airs. Barometer steady.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian.

Quarters held at 9:00 a.m. No absentees. Drill call at 9:00 a.m. Supernumery crew instructed in Nomenclature of ship, Nomenclature of boats. Deck seaman ship, both practical and theoretical, and battery drill. Instruction given in first aid by Medical Officer. 50 gal. of gasolene received aboard at 11:50 from Standard Oil Co. Barometer rising. Light breeze to light air shifting from northwest to north by west.

Ensign, USNRF-4 ess

Meridian to 4:00 p.m.

Turned to at 1:00 p.m. At 1:30 held the following drills of instruction for supernumery crew: Nomenclature of ship, nomenclature of boats, and under oars, deck seamanship, battery drill and instruction given in first aid by Medical Officer. Wind NXW. Light breeze, barometer steady.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.

U.S.S. YANTIC underway at 4:40 p.m. Weighed anchor at 4:45 p.m. and stood out of harbor, steering course of 79° psc. Draft aft 16 ft. 1 in. forward, 13 ft. 9 in. Changed course to 27° psc and put out PL reading 0. when light vessel bore 135° psc at 5:09 p.m. Took beam and quarter bearing on North Pt. Light 1.45 miles distant when abeam at 5:14 p.m. PLR .9 knots 6:00 p.m. PLR 6.8 knots. R.P.M. 74.7, S.P. 195 lbs. Miles made good for watch 8.16. Departure announced by radioagram to Great Lakes, Ill. Light north by west breezes. Barometer steady.

Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Steering course of 27° psc. 7:00 PLR 15.1 rev. P.M. 78, steam 180 lbs. Miles made good 9.9. Port Washington abeam at 7:50, 8:00 p.m. PLR 23.3 steam 190 lbs. rev. 77.8 Miles made good 9.8 Average for watch, steam 185 lbs R.P.M. 77.9 Miles made good for watch 19.7. 8:00 p.m. reports made, all secure. Barometer steady. Light breeze to light air from north by west.

Ensign, USNRF-4 ess

8:00 p.m. to midnight.

Steering course 27° psc, PLR 23.3 knots, rev. 77.8, steam 190 lbs. 9:00 p.m. PLR 31.6 knots, rev. 77.8, steam 200 lbs. 10:00mp.m. PLR 39.8, rev.78, steam 195 lbs. 11:00 p.m. PLR 48.1, rev. 78.5, steam 195 lbs. 12:00 midnight, PLR 56.7, rev. 78, steam 195 lbs. Average for watch rev.78.3, steam, 197.3 wind NW. Light air. Barometer steady.

Ensign, USNRF-4 jsn

Approved:

L.A. Rumsey
Lieutenant Commander, NNV
Commanding Officer.

Examined:

Lieutenant, USNRF-1
U. S. N., Navigator.

4—1899

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Milwaukee, Wisc. TO S. Manitou Isle 13 June 1918

L. R. Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	7	9	64	4	74	6	000930	27	MWXW	2	28.78	60	42	39		b				
2	8	4	72	8	78	-	005610	27	NW	2	28.78	58	42	39		b				
3	8	5	81	3	78	-	010290	27	NW	1	28.78	58	42	39		b				
4	8	5	91	8	78	-	014970	27	NW	1	28.78	60	43	40		b	cis		7	
5	8	6	98	4	78	3	19670	27	WNW	1	28.77	62	42	40		bc	cis		7	
6	8	4	6	8	78	9	24407	27	WNW	1	28.77	67	41	39		bc	c		3	
7	8	3	15	1	78	1	29093	27	NW	1	28.78	69	44	42		bc	cis		2	
8	9	2	24	3	78	3	33790	40	NW	1	28.78	74	50	49		bc	cis		2	
9	8	1	32	4	78	-	38470	50	NW	1	28.78	73	52	48		bc	cu		7	
10	4	9	37	3	73	5	42145		SW	1	28.97	65	55	52		bc	cu		9	
11											28.97	72	55	51		bc				
12																				
P. M.																				
1									SW	1	28.96	70	68	66		bc	cu		8	
2									SW	1	28.96	70	68	66		bc	cu		8	
3									SWXW	1	28.95	70	66	64		bc	cu		7	
4									SW	1	28.95	70	66	64		bc	cu		8	
5									SW	1	28.95	70	60	58		bc	scu		8	
6									SW	1	28.95	69	56	56		bc	scu		9	
7									SW	1	28.95	70	58	56		bc	scu		9	
8									SW	1	28.95	70	58	56		bc	scu		9	
9									W	1	28.95	70	60	58		bc	cun		9	
10									W	1	28.95	72	58	56		ocr	cun		10	
11									NW	1	28.95	72	56	54		bc	cun		8	
12									NW	1	28.95	72	52	52		bc	cun		6	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:

Maximum A1 75 A2 75

Minimum 71 70

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. Received _____ Expended 24.2 On hand 140.3

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 13 June 1918

REMARKS.

Commences and until 4:00 a.m.
Steaming standard speed of 78 R.P.M. on course 27° psc. U.S.S. YANTIC following astern. 1:00 a.m. PLR 64.4 knots, R.P.M. 74.6, S.P. 190 lbs. 2:00 a.m., PLR 72.8 knots, R.P.M. 78, S.P. 190 lbs. 3:00 a.m. PLR 81.3 R.P.M. 78, S.P. 190 lbs. 4:00 a.m. PLR 89.9 k. R.P.M. 78, S.P. 190 lbs. Miles made good for watch, 40. Average R.P.M. 77.1, av. S.P. 191 lbs. for watch. Light northwest by west breezes shifting to light northwest airs. Barometer steady.

C. C. Crane Jr
Ensign, USNRF -4 cec

4:00 a.m. to 8.:00 a.m.
Steering course of 27° psc. 5:00 PLR 98.4 k. steam 190 lbs, rev. 78.3 rpm. 6:00 PLR 106.8 k. steam 195 lbs. rev. 78.9. Franklin Pier head light abeam at 6:45 Point Betsy light nine miles abeam at 7:18. 7:00 PLR 115.1 k. steam 195 lbs. rev. 87.1. Changed course at 7:18 to 40° psc. 8:00 PLR 118 k. PLR 124.3 rev. 78.3 rpm, steam 180 lbs. av. for watch, revolutions 78.1 steam 189 lbs., Miles made good 41.4 Barometer steady. Light airs shifting from west-north-west to north west.

E S Barnum
Ensign, USNRF 4 ess

8:00 a.m. to Meridian
Steering a course of 40° psc PLR 24.3 rev. 78.3, steam 180. At 8:16 changed course to 45° psc. PLR 26.1 At 8:22 changed course to 50°, PLR 27 At 9:00 PLR 32.4 k., rev. 78, steam 190 lbs. At 9:35 hauled in patent log, reading 37.3. At 9:37 steering various courses in to South Manitou Harbor, Captain conning. At 9:53 anchored in 45 ft. of water, with 40 fathoms of chain at waters edge. Soundings taken, 7 1/2 fathoms forward, 7 1/2 fathoms aft. Lowered 1st and 3rd cutters, whaleboat and gig for drill for supernumery crew, boats under oars. Average 10:00 a.m. rev. 73.5, steam 195 lbs. Bearing South Manitou light tower 174° psc. North Manitou light Lower 69° psc. Flag staff near shore 135 psc Boats returned to ship from drill. Wind south-west. Light airs. Barometer steady.

Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.
Ships company engaged in general work. Supernumeries instructed in boats under oars and sails, with practical and first aid work from 1:30 to 4:00 p.m. Light southwest airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF 4 cec

4:00 p.m. to 8:00 p.m.
Liberty party ashore at 5:30 p.m. Barometer steady. Light airs shifting from west-north-west to north west.

E S Barnum
Ensign, USNRF -4 ess

8:00 p.m. to 8:00 p.m.
Liberty party returned at 8:00 p.m. Calm. Barometer steady.

Ensign/ USNRF 4 jsn

8:00 p.m. to Mianight.
Entire liberty party aboard at 8:30 p.m. Calm and light south-west airs. Barometer steady.

C. C. Crane Jr.
Ensign USNRV 4 cec

Approved:
L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
G. H. Haskins Jr.
Lieutenant, USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manirou TO T raverse city, 15 June 1918

L.R.Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									N	1	28.94	70	50	48		bc	as		7	
2									N	1	28.94	70	50	48		bc	as		8	
3	3	9	3	9	73	7	460280	45	N	1	28.94	70	48	46		bc	as		7	
4	8	9	12	8	80	6	510115	45	NXE	1	28.94	70	50	48		bc	as		7	
5	8	6	21	4	80	-	53915	60	NE	1	28.94	68	48	46		bc	s		2	
6	8	2	29	6	80	1	60722	195	NE	1	28.94	73	56	54		bc	s		2	
7	8	7	38	3	80	3	65540	195	N	1	28.94	72	59	57		bc	s		2	
8	9	2	47	5	80	4	70726	205	N	1	28.94	72	54	52		bc	cis		2	
9	5	2	52	7	86	9	74290	195	N	1	29.95	72	49	47		bc	cis		2	
10									NXE	1	28.95	72	54	52		bc	cis		2	
11									NXE	1	28.94	72	50	48		bc	cis		2	
12									NXE	1	28.95	72	51	49		bc	cis		2	

Sa. m. Latitude / Longitude

Noon. Latitude / Longitude

Sp. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum A1 72 A2 70
Minimum 70 69

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 14.5 / On hand 125.8

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									N	1	28.94	72	58	55		bc	cicu		3	
2									N	1	28.94	74	60	57		bc	cicu		4	
3									N	1	28.96	76	58	55		bc	ci		4	
4			4	2	90		77185	80	N	1	28.97	74	60	57		bc	ci		4	
5	9	4	13	6	89		82528	80	N	1	28.96	74	60	57		bc	cicu		5	
6	9	2	22	8	88	3	87850	20	N	1	28.96	74	59	57		bc	cicu		4	
7	9	4	30	2	89	4	93195	250	NXW	1	28.96	74	56	54		bc	cicu		4	
8	9	2	41	6	90	1	98602	255	NXW	1	28.96	74	63	61		bc	ci		2	
9	10		51	6	91		104062	270	NXW	1	28.96	75	56	54		bc	ci		2	
10									NXW	1	28.97	74	54	52		bc	ci		2	
11									NXW	1	28.97	75	53	51		bc	cis		2	
12									NXW	1	28.97	75	52	50		bc	cis		2	

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 14 June, 1918

6:00 p.m. to 8:00 p.m. (continued)

7:00 p.m. PLR 32.2 k., av. R.P.M. 89.4, av. S.P. 180 lbs. Took bow and beam bearing on Cat Head Pt. 1&7 miles distant when abeam 8:00 p.m. PLR 41.6 k. av. R.P.M. 90.1 av. S.P. 185 lbs. For watch av. R.P.M. 89.2 av. S.P. 188.7 lbs. Miles made good 22.5 . Fire, collision and abandon ship drill held. Light north by west airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

8:00 p.m. to Midnight.

Steering course of 235° psc. 9:00 PLR 31.6 A.R. 91. steam 180 lbs. North Manitou light abeam at 8:45 , distance 2.8 miles. Patent log taken in at 9:00 p.m. Anchored in South Manitou Harbor at 9:40 p.m. with 45 fathoms of chain at waters edge. Depth of water forward, 11 1/4 fathoms, midships, 10 3/4 fathoms, aft 12 fathoms. Draft of ship forward 13 ft. 6 in aft 15 ft. 9 in. Av. rev. for watch, 80.8, steam 195 lbs. Miles made good 12. Wireless sent to Great Lakes announcing arrival. Bearings taken to fix our position in harbor (lat. 45° 1x' 16" N. Long. 86° 5' 54" W.) on North Manitou light, vessel, ships head 25° psc, bearing 65° psc. Barometer steady. Light airs from north by west.

E. Sarvent
Ensign, USNRF-4 ess

Approved:

L. R. Rueter
Lieutenant Commander, NNV
Commanding Officer

Examined:

E. J.
Lieutenant USNRF-1
U. S. N., Navigator.

4—2593

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 14 June 1918.

REMARKS.

Commences and until 4:00 a.m.
Underway at 2:04 a.m. Wireless sent to Great Lakes, announcing departure. Steering various courses till 2:15. At 2:15 a.m. steering course of 90° psc. Draft of ship 13.2 forward, 15.10 aft. Patent log out at 2:28 North Manitou shoal lightship abeam at 2:45. PLR 3.5. At this time changed course to 45° psc. 3:00 PLR 3.9 , steam 195 Lbs., rev. 73.7. Took departure with North Manitou light abeam, PLR 5.2, at 3:10 a.m. distance abeam 2.7 miles. 4:00 PLR 12.8 , steam 190 , rev.80/6. Average for watch, rev. 77.1, steam 192 lbs. distance made good from point of departure 0.1 miles. Barometer st steady. Light airs from north shifting to north by east.

Ensign USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Steering course 45° psc PLR 12.8, rev. 80.6, steam 190 Sighted Grand Traverse light at 4:25 a.m.. Changed course to 60 psc at 4:54 PLR 20.3 At 5:00 PLR 21.4, rev. 80, steam 195. at 5:27 changed course to 135° psc AT 5:04 Grand Traverse light bearing 45° psc, PLR 25.9. Abeam 90° psc 5:46 at 5:48 changed course to 175° psc, PLR 27.8. At 6:00 changed course to 195° psc PLR 29.6, rev. 80.1, steam 195. At 6:14 took bearing on North Point 45° psc 32.1, abeam 6:26 PLR 33.3 At 7:00 PLR 38.3rev. 80.3 steam 195. At 7:29 Lee Point bearing 45° psc, 43.7 abeam 90 7:41 PLR 44.9 at 7:44 changed course to 205° psc. At 8:00 PLR 47.5 k. rev. 86.4, steam 190 lbs. av. rev. for watch 81.7 steam 194, Wind N. Light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian.
Steaming full speed of 86. R.P.M. on course of 205 psc. Changed course to 195 psc at 8:03 Took in PLR 32.7 knots, when abreast of #6 red spar buoy at 8:33 a.m. Dropped anchor off Traverse City in 7 fathoms of water at 8:45 a.m. with 30 fathoms of starboard anchor chain at waters edge. Av. R.P.M. 86.9, S.P. 195 lbs. Miles made good for watch 6.3 miles. Sounding forward 6 3/4 fathoms, aft 7 1/4 fathoms. Draft forward, 13.6 aft 15.10. Bearing on L.H. south stack, 192 psc. R.H. stack 209° psc. R.H. water tank 263° psc. Crew engaged in general field day. Received from Michigan Militia one 28 ft. whaleboat with miscellaneous gear and rigging. Light north and north by east airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Received two bags of mattress covers. 1 bundle of mattresses, 1 large bale of blankets and mattressew/ 1 3" field piece complete from Michigan Naval Militia, Received from The City Baking Co. 445 lbs. bread for the U.S.S. YANTIC at 2:40 p.m. Secured ship for sea and underway at 3:28 Captain conning. Draft os ship for ard 13.7 aft, 15.10. Patent log out 3:34 reading 0. steering course of 8° psc. Abeam of horizontal red and black striped buoy off south west end of Marion Island. .6 of a mile at 4:04 p.m. Wireless sent to Great Lakes, announcing departure for South Manitou. Barometer rising.. Light airs from north.

Ensign, USNRF 4 ess

4:00 p.m. to 6:00 p.m.
Steering ac course of 8° psc PLR 4.2 rev. 90, steam 180 lbs. Lee point bearing 261/4° psc. PLR8.6. At 4:27, 45,8.95, 4:30 90 osc PLR 9.3 At 4:32 At 5:00 p.m. PLR 13.6, rev. 89, steam 195 lbs. North Point Bow bearing 26 1/2° psc. PLR 19.85 at 5:39 p.m. 45° psc, PLR 20.3 5:48 abeam 90o psc PLR 20.98. Changed course to 20o psc at 5:48. At 6:00 p.m. 22.8, rev 88.3, steam 195 lbs. Wind N. Light air. Barometer steady.

Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
Steaming full speed at 88 R.P.M. on course 20° psc. Changed course to 345o psc at 6:13 p.m., PLR 24.8. Changed course to 230 psc at 6:36 p/m. Took bow and beam bearing on Grand Traverse light 1 mile distant when abeam.

Approved: L. R. Sutton
Lieutenant Commander, NNV
Commaning Officer

Examined: E. E. Halsinger
Lieutenant, USNRF
U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM S. Manitou Isle TO _____ 15 June 1918 191

L.R. Rutter, Lieut.Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									CALM	-	28.97	72	48	45		b				
2									DO	-	28.97	74	50	47		b				
3									DO	-	28.97	74	49	46		bc	as		2	
4									N	1	28.97	70	50	47		bc	cis		1	
5									CALM	-	28.97	70	48	45		bc	cis		1	
6									NW	1	28.97	64	52	49		bc	cis		1	
7									NW	1	29.00	68	68	65		bc	cis		1	
8									N	1	29.02	67	60	58		bc	cis		1	
9									NE	1	29.02	65	56	54		bc	cis		1	
10									E	1	29.03	67	56	54		bc	ci		1	
11									EXS	1	29.02	73	58	56		bc	ci		2	
12									EXS	1	29.02	73	66	64		bc	ci		3	
P. M.																				
1									EXS	1	29.02	74	68	66		bc	ci		3	
2									E	1	29.02	68	62	60		bc	ci		2	
3									E	1	29.02	68	61	59		bc	ci		2	
4									NNE	1	29.02	69	64	62		bc	ci		3	
5									NNE	1	29.02	67	59	57		bc	ci		3	
6									NNE	1	29.02	70	54	52		bc	ci		3	
7									N	1	29.02	70	56	54		bc	ci		4	
8									N	1	29.02	70	56	54		bc	ci		4	
9									ENE	1	29.02	70	54	52		bc	ci		5	
10									SE	1	29.01	70	54	52		bc	cis		6	
11									SE	1	29.01	72	54	52		bc	cis		6	
12																bc				

Noon. { Latitude / Longitude

P. M. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

	A1	A2
Maximum	70	70
Minimum	69	69

Compass

S. H

Error

Variation

Deviation

Cost. { Received / Expended 13.9 / On hand 111.9

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Battery drill	
2		
3	Boats under oars and sails.	
4		
5	first aid instruction	
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX 15 June, 1918

REMARKS.

Commencing and until 4:00 a.m.
Anchored in South Manitou harbor , 45 fathoms of chain at waters edge. sounding 11 1/4 fathoms forward, 12 fathoms aft. Bearing North M anitou light 64° psc, South Manitou light 173° psc, Manitou light vessel 90° psc. Pumped bilges at 2:45 a.m. Calm. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders; scrubbing down both decks, lowering all boats, painting hammock cloths, and anchoring target. Calm and light northwest airs. B arometer steady .

C. C. Crane Jr.
Ensign, USNRF)-4 cec

8:00 a.m. to Meridian
Crew engaged in cleaning ship for Captain's inspection. Captain inspected ship at 9:30 a.m. after supernumeries and ships company received instruction in boats under oars, and sailing, battery drill, and first aid. Barometer steady. Light air shifting from north to east by south.

E Sarver
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Liberty party went ashore at 1:30 p.m. Received 3000 lbs. ice from Alvan Anderson. Wind EXS to NNE light air. Barometer steady.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
All liberty party returned by 6:00 p.m. L ight north northwest airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF -4 cec

6:00 p.m. to 8:00p.m.
Light airs shifting from north north-east to north. Barometer steady.

E Sarver
Ensign, USNRF-4 ess

8:00 p.m. to 12:00 midnight.

Crew enagged in boxing contests and other amusements. Light ship No. 98 anchored in harbor at 10:15 p.m. bound from Buffalo to Milwaukee, Wis. Wind N . Light air. Barometer steady.

Ensign, USNRF-4 jsn

Approved:
R. R. Rutter
Lieutenant Commander, NNV
Commanding Officerf

Examined:
E. K. Hakanson J.G.
Lieutenant, USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou, TO Great Lakes. Ill., 16 June 1918. 191

L.R. Rutter, Lieut? Comdr., NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Anchored at S. Manitou.								SW	1	29.02	66	64	62		bc	cis		4	
2									SW	1	29.02	68	62	60		bc	cis		3	
3									SW	1	29.02	68	61	59		bc	ciw		3	
4									SXW	1	29.02	68	61	58		bc	cis		4	
5									SXW	1	29.02	68	61	58		bc	cis		5	
6									SXW	1	29.02	68	61	58		bc	cis		4	
7									SXW	1	29.02	68	61	58		bcz	cicu		5	
8									SXW	1	29.02	69	61	58		bcz	cu		7	
9									SW	1	29.01	69	64	62		bcz	n		7	
10									SW	1	29.01	69	59	57		cz	as		10	
11									SW	2	29.01	64	58	57		cz	ci		8	
12									SW											

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 71 A2 70
Minimum 70 69

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended / On hand

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	6	3	6	3	77	7	110555	215	SW	3	29.07	71	56	54		cz	scu		10	
2	8	3	14	6	78	5	115267	215	SW	2	29.07	67	53	51		cz	scu		10	
3	8	4	23	-	78	-	119947	206	SWXW	2	29.07	69	53	51		cz	scu		10	
4	8	1	31	1	77	3	124440	206	SW	1	29.07	69	52	50		cz	acu		10	
5	8	5	39	6	78	-	129090	206	S	1	29.07	71	48	47		coz	acu		10	
6	8	5	48	1	78	6	133276	206	N	1	29.07	71	48	46		bcz	acu		9	
7	8	6	56	7	78	-	138460	206	NE	1	29.07	69	44	43		bcz	acu		9	
8	8	5	65	2	78	-	143140	206	NE	1	29.07	70	48	40		bcz	acu		8	
9	8	8	73	8	78	-	137820	206	N	1	29.07	65	50	46		bcz	cicu		8	
10	8	8	82	4	78	-	152500	206	NNE	1	29.07	66	51	48		cz	cu		4	
11	8	6	91	-	78	-	157180	206	NNE	1	29.07	64	52	48		cz	cis		4	
12	8	6	99	6	78	-	161860	206	NNE	1	29.07	65	51	49		cz	cis		4	

2

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ..... Essex ..... 16 June 1918.

REMARKS.

Commences and until 4:00 a.m.
Boilers steaming for auxiliary purposes. Light southwest airs. Ba
Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders. Received 6000 lbs beef from Alvan Anderson. Barometer steady. Light airs from south by west.

Ensign, USNRF-4 ess

8:00 a.m. to Meridian
Crew turned to at 8 a.m. finishing morning orders. At 9:00 a.m. to 11:00 a.m. had the following drills, gig, whaleboat and 3rd cutter under sail, and sub-caliber practice. Prepared to get underway 11:55 Magazines inspected and conditions found normal. Wind SW. Light air. Barometer steady.

Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.
U.S.S. YANTIC underway at 12:04. Got underway at 12:10 p.m. and steered out of So. Manitou harbor on course 135 psc at full speed of 78 R.P.M. Draft 13 ft. 5 in. forward, 15 ft. 1o in. aft. Put out PL reading 0 at 12:12 Changed course to 215° psc at 12:19 p.m. PLR .7 knots. Took beam and quarter bearing on S. Manitou light. 4 miles distant when abeam at 12:24 p.m. PLR 1.4 knots. 1:00 p.m. PLR 6.3 k. R.P. M. 77.7, S.P. 190 lbs. Took beam and quarter bearing on Sleeping Bear Gas Buoy, 2.8 miles distant when abeam at 1:01 p/m. PLR 6.4 knits. 2:00 p.m. PLR 14.6 k. R.P.M. 78.5 S.P. 190 lbs. Took bow and beam bearing on point Betsie light, 3.5 miles distant when abeam at 2:45 p.m. PLR 20.9 k. Changed course to 206 psc. when Pt. Betsie light buoy, 90 psc at 2:59 p.m. PLR 22.8 k. 3:00 p.m. PLR 23 k. R.P.M. 78 S.P. 195 Compelled to slow down to half speed from 3:20 p.m. to 3:36 p.m. to avoid Freighter Maricopa and tow overtaking on starboard bow, blew no whistle. 4:00 p.m. PLR 31.1 k, R.P.M. 74.9 S.P. 180 lbs. for watch / Average R.P.M. 77.3 S.P. 189 lbs. miles made good 39.8. Announcement of departure sent to Great Lakes. Emptied fresh water tanks and took on 3184 gals. Held fire, collision and abandon ship drills. Gentle southwest breezes shifting southwest by west airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.
Steering course of 206° psd. 5:00 PLR 39.6 k., steam 195 lbs. R.P.M. 78. 6:00 PLR 48.1 k. rev. 78.6, steam 195 lbs. miles made good for watch 20.4 , average rev. 78.3, steam 195 lbs. Barometer steady. Light airs from southwest by south to north.

Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Steering course 206 psc. PLR 48.1 k. rev. 78.6, S.P. 195 lbs. At 7:00 p.m. PLR 56.7, rev. 78, S.P. 190 lbs. At 8:00 p.m. PLR 65.2, rev. 78. S.P. 190 lbs. average rev. 78. Av. steam 192.5 lbs. miles made good 20.52 Wind SW. Light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to Midnight.
Steering course 206° psc . Full speed at 78 R.P.M. 9:00 p.m. PLR 73.8 knots. R.P.M. 78, S.P. 190 lbs. 10:00 p.m. PLR 82.4 knots. R.P.M. 78, S.P. 195 lbs. 11:00 p.m. PLR 91 k., R.P.M. 78, S.P. 195 lbs. 12:00 p.m. PLR 99.6 R.P.M. 78, S.P. 185 lbs. For watch, av. R.P.M. 78, av. S.P. 185 lbs. Miles made good 41.3. Light north and northwest airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Approved:
L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined:
E. H. Hakanson Jr.
Lieutenant, USNRF-1v., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou Isle TO Great Lakes. Ill.. 17 June 18.. 191

L. R. Rutter, Lieut. Comdr. USNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	8	8	4	78	5	166580	206	NNE	2	29.04	65	52	50		bc	cis		4	
2	8	7	16	8	78	-	171260	206	NNE	2	29.04	65	51	49		bc	cis		4	
3	8	6	25	5	78	-	175940	206	N	2	29.04	65	49	47		bc	cis		2	
4	8	5	34	1	78	-	180590	206	N	2	29.04	64	49	47		bc	cis		2	
5	8	7	42	8	78	2	185284	206	N	2	29.04	64	52	48		bc	cis		2	
6	8	7	51	5	78	4	189990	206	N	2	29.04	64	53	50		bcz	cu		9	
7	8	7	60	2	78	-	194670	206	N	2	29.04	64	52	50		cor	n		9	
8	8	6	68	8	78	-	199350	206	NW	2	29.04	65	54	50		cd	seu		10	
9	Anchored off Great Lakes.								NNE	3	29.04	65	54	51		bc	cis		4	
10	4	-	4	--	83	1	205444	148	NNE	2	29.05	68	60	57		bc	cis		8	
11	9	-	13	-	85	-	210544	148	N	2	29.06	70	56	51		bc	cis		7	
12	9	2	22	2	85	4	215670	175	N	2	29.06	70	60	57		bc	cis		5	
P. M.																				
1					77	5	219757	var	N	2	29.06	71	58	55		bc	cis		5	
2									N	2	29.06	72	58	55		bc	cis		4	
3									N	2	29.06	70	59	56		bc	cis		2	
4									N	2	29.07	70	60	58		bc	cis		2	
5									N	2	29.07	70	60	58		bc	cis		2	
6									N	2	29.06	70	61	59		bc	cis		3	
7									N	2	29.06	70	62	60		bc	cis		5	
8									N	2	29.06	70	60	58		bc	cis		5	
9									NE	2	29.06	70	60	58		bc	cis		6	
10									NE	2	29.06	70	60	58		bc	cis		7	
11									NE	2	29.06	70	60	58		bc	cis		4	
12									NE	2	29.06	70	59	56		bc	cis		4	

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		Boats under oars and sails
2		
3		
4		General Quarmasters duties
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 17 June 1918, 191

North Shore Fruit and Produce Co., Chicago Ill. Wind north. Barometer steady.

Ensign, USNRF-4 jsn.

6:00 p.m. to 8:00 p.m.
U.S.S. HAWK anchored at 6:30 p.m. 250 Yards astern. U.S.S. YANTIC moored at the dock at 7:10 p.m. Wind N. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to Midnight.

Geo. G. Schmitz, Cpsmth, 2nd class was granted leave of absence of five days/starting 0:00 p.m. June 17 1918. Barometer steady. Light breeze from north east.

Ensign, USNRF-4 ess.

Approved:

L. R. Rumsey
Lieutneant Commander, NNV
Commanding Officer.

Examined:

G. H. Halsey 2d.
Lieutenant, USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 17 June 1918.

REMARKS.

Commences and until 4:00 a.m.
1:00 a.m. PLR 108.4 rev. 78.5, steam 190 lbs. 2:00 PLR 116.8, av. rev. 78 steam 180 lbs. At 2:54 a.m. north Point light bore 61° psc. PLR 124.6 3:00 PLR 125.6 av. rev. 78, steam 190 lbs. Wind Point light bore 26 1/2° psc PLR 127. At 3:10 4:00 PLR 134.1 av. rev. 78, steam 190 lbs. average for watch rev. 78.1, steam 188. Miles made good 40.2 Barometer steady. Light breeze from north north east shifting to north.

Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.
Steering a course of 206 psc, PLR 34.2 rev. 78, steam 190 lbs. Bearing Wind Point at 4:39, 45° psc. PLR 39.3. At 5:00 PLR 42.8 rev. 78.2 Steam 190 lbs. Called all Idlers 5:00 a.m. Crew turned to at 5:30, scrubbing both decks and paint work at 5:46. Wind Point abeam, PLR 49.6. At 6:00 a.m. PLR 51.5, rev. 78.4, steam 190 lbs. At 7:00 a.m. PLR 60/2 , rev. 78, steam 190 lbs. Kenosha abeam at 6:57 a.m. YANTIC changed course at 7:40 and stood in Waukegan Harbor. Had rain squall at 6:39 a.m. Cleared at 7:40 At 8:00 a.m. PLR 68.8, rev. 78, steam 190 Lbs. Average for watch rev. 78.6, steam 190 lbs Miles made good for the watch 39.5. Wind N to NEduring rail squall. N at 8:0 a.m. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian.
Steaming atfull speed, rev. 78 on course 205 psc. Took bow and beam bearing on Waukegan So. Pier Light 2.3 miles distant when abeam at 8:23 a.m. PLR 72.1 k. Took in PL at 8:25 a.m. reading 72.3 knots. U.S.S. Yantic entered Waukegan Harobr at 8:35 a.m. Stood intoward Great Lakes Naval Training Station at 8:35 a.m. steering various courses and dropped starboard anchor in 26 ft. of water at 8:48 a.m. with 45 fathoms of chain at waters edge. Soundings taken fore and aft. Draft forward 13 ft. 4 in., art 15 ft. 9 in. Weighed anchor and got underway for Chicago at 9:30 a.m. Put out PL reading 0 at 9:33 a.m. Steered various courses until Waukegan gas buoy bore north, at 9:37 a.m. then changed to 148 psc, PLR .8 knots. 10:00 a.m. PLR .4 knots R.P.M. 83.1 S.P. 195 lbs. Took bow and beam bearing on Ft. Sheridan Tower at 10:30 a.m. PLR 8.5 knots. abeam at 10:08 a.m. PLR .5 knots. Abeam of Ravinia Tower at 10:30 a.m. PLR 8.5 knots. 11:00 a.m. PLR 13 knots, R.P.M. 85, S.P. 195 lbs. Took 25 1/2°, 45° and 90° bearing on Bross Point light, 3.2 miles distant when abeam at 11:15 a.m., PLR 15.2. Changed course to 175° psc at 11:35 a.m., PLR 18.4 knots. 12:00 noon PLR 22.2, R.P.M. 85.4, S.P. 195lbs. Quartermaster instructed in signals, coxswains in deck seamanship, and gunners mates in overhauling of guns during drill periods. Magazines inspected, morning orders continued. Gentle north byeast breezes shifting to light north breezes. Barometer slowly rising.

Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Steering course of 175° psc. Carter Harrison Crib abeam at 12:20 PLR taken in at 12:20 reading 25.4 knots. 1:00 p.m. av rev. 77.6, steam 190 lbs. Anchored in Chicago Harbor with 25 fathoms of chain at waters edge in 3 1/2 fathoms of water at 12:58 p.m. Draft of ship 13 ft. 7 in. forward, 15 ft. 11 in. aft. Miles made good for watch 3.8. Bearings taken to fix position Ship's heading 22° psc. Bearing taken on North Breakwater light 23° psc On south Breakwater light 165° psc. Frank Endres, s2c, one of the supernumeries from the Gunners mates school, Great Lakes, Ill. was sent to Marine Hospital, Chicago, Ill, with a case of measles. H.C. Daniels, Y2c, NNV was transfered by order of Commandant to Great Lakes, leaving the ship at 3:15 p.m. Barometer steady. Light breeze from north. Drills carried on in boats under oars and sails. Also general quartermasters duties.

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.
J.F. Peck, Ensign, USNRF-3 this date detached from this vessel, orders to proceed to Brooklyn Navy Yard, N.Y. 2 bbl. apples received from

Approved:
Lieutenant Commander, NNV
Commanding Officer.

Examined:
Lieutenant, USNRF-1
U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago, Ill. TO 18 June 1918, 191

L.R.Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. at.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									N	1	29.06	72	60	57		bc	ci		2	
2									N	1	29.06	72	60	57		bc	acu		7	
3									E	1	29.06	72	62	59		bc	acu		7	
4									E	1	29.06	71	63	60		bc	scu		8	
5									E	1	29.06	71	63	61		bc	scu		9	
6									NE	1	29.06	71	63	61		bc	scu		9	
7									NE	1	29.06	71	63	51		bc	acu		7	
8									NE	1	29.06	71	64	61		bc	acu		9	
9									NNE	1	29.06	71	62	60		bc	cicu		8	
10									NNE	1	29.06	71	60	58		bc	cicu		8	
11									NE	1	29.06	71	60	58		bc	cicu		8	
12									N	1	29.06	71	60	58		bc	cis		9	
P. M.																				
1									N	1	29.08	70	61	58		cc	as		10	
2									NE	1	29.11	70	60	57		bc	as		8	
3									NE	1	29.15	74	68	60		bc	cicu		7	
4									NE	1	29.17	72	68	60		bc	cicu		6	
5									NNE	1	29.17	70	64	61		bc	cicu		6	
6									NXE	1	29.16	73	68	60		bc	ci		4	
7									N	1	29.17	73	66	64		bc	ci		3	
8									N	2	29.17	73	60	58		bc	cis		4	
9									NW	2	29.17	73	60	58		bc	cis		3	
10									NW	2	29.33	72	60	58		bc	cis		3	
11									NW	1	29.33	74	68	58		bc	cis		3	
12									NW	1	29.33	74	58	56		bc	cis		2	

A. M. / P. M. — Latitude / Longitude

Noon — Latitude / Longitude

Current — Set / Drift

Magazine Temperatures:
Maximum A1 75 A2 71
Minimum 71 70

Compass
S. H
Error
Variation
Deviation

Coal — Received / Expended / On hand

Fuel oil — Received / Expended / On hand

Water — Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2	Battery drill	
3		
4	Boats under oars	
5	and sails	
6	Deck seamanship	
7		
8	Nomenclature of sails.	
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 June 1918.

REMARKS.

Commences and until 4:00 a.m.
Moored in Chicago Harbor 25 fathoms of chain at water edge, in 3 1/2 fathoms of water. Bearing north Breakwater light 23° psc. South Breakwater light 165° psc. Boiler 1 and 2 steaming. Wind from N to E. Light airs. Barometer steady.

Ensign, USNRF 4 jsn

4:00 p.m. to 8:00 p.m.
Crew turned to at 5:30 a.m., carrying out morning orders, scrubbing yards and masts, clamping down decks and cleaning boats, Light west and northeast airs. Barometer steady.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
Crew turned to at 8:15 a.m. quarters held for muster at 9:00 a.m. No absentees. Drill call at 9:15 a.m. Supernumeries instructed in Nomenclature of sails, deck seamanship, boats under oars and sails, and battery drill. Received the following stores aboard from S.H. Conen Co.: 300 lbs. onions, 215 lbs. cabbage, Received from O.F. Meyer, 200 lbs. hamburger, 150 lbs, pork sausage, 100 lbs frankfurters, From Schultz Baking Co.; 1200 lbs. bread. From Gilmore & work, 359 lbs. sauer kraut. From Morris & Co.; 100 lbs. liver sausauges, 100 lbs. luncheon meat, From Wilson & Co.; 1030 lbs. beef. From Fowman & Erbe, 8 #6 filing cases. From C.W. Briggs, 150 lbs. fish. U.S.S. GOPHER stood out of Chicago harbor at 12:00 a.m. Magazines inspected and found conditions normal. Doctor held medical instpection of crew at 11:55 Barometer steady. Light airs shifting between north and northeast.

Ensign, USNRF 4 ess

Meridian to 4:00 p.m.
At 1:00 p.m. got underway for coal dock. At 1:15 secured to dock At 1:28 commenced coaling and received 110 tons from Pittsburg Fuel Co. Received 1 forge from U.S.S. HAWK. At 2:37 finished coaling. At 2:40 underway. At 2:55 anchored with 25 fathoms of chain at the waters edge. Sent 10 gal. white paint to Mr James. Received fromHuston & Son 2 tubs of butter, 127 lbs of potatos. From M.J. Power, 6 cases of eggs. One adding machine. Sent spars and mattresses to store room on dock. Wind N to NE. Barometer steady.

Ensign, USNRF 4 jsn

4:00 p.m. to 6:00 p.m.
Crew engaged in general field day and scrubbing hammocks. Received canteen supplies aboard Received wardroom supplies aboard. Light northeast and north northeast airs. Barometer steady.

Ensign, USNRF-4 cec

6:00 p.m. to 8.00 p.m.
Part of crew receiving instruction in boats under oars and sail. Light airs to light breezes shifting from north by east to north.

Ensign, USNRF-4 ess

8:00 p.m. to midnight.
Bearing at 9:00 p.m. Municipal Pier 51° psc. Chicago Breakwater light 344 1/2 psc. Wind N to NW. Barometer steady.

Ensign, USNRF-4 jsn

Approved:
L.R. Russell
Lieutenant Commander, NNV
Commanding Officer.

Examined:
Lieutenant, USNRF-1 S.N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago TO ____, 19 June, 1918

L.R. Rutter, Lieut. Comdr. NNNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									N	1	29.32	72	56	53		bc	cis		4	
2									N	1	29.32	73	56	55		bc	cis		4	
3									N	1	29.31	72	58	56		bc	cis		3	
4									N	1	29.31	70	56	54		bc	cis		3	
5									NW	1	29.32	71	55	53		bc	cicu		4	
6									E	1	29.32	71	62	60		bc	ci		3	
7									E	1	29.33	69	64	62		bc	cicu		3	
8									E	1	29.33	70	67	65		bc	cis		4	
9									E	1	29.33	67	66	63		bc	cis		4	
10									E	1	29.33	68	65	63		bc	cis		3	
11									E	1	29.33	70	64	62		bc	cis		3	
12			2	7	77	8		348	E	1	29.33	70	65	63		bc	cicu		6	
P. M.																				
1	8	3	11	-	78	-	228976	322	NE	2	29.35	70	64	62		bc	cis		7	
2	8	6	19	6	80	4	233752	322	NE	2	29.35	70	58	56		bc	cis		7	
3	5	2	24	8	60	9	237410		NE	2	29.36	70	60	58		bc	cis		5	
4							-		NXE	2	29.36	70	60	58		bc	cis		6	
5									NNE	1	29.36	73	62	59		bc	cicu		6	
6									NXE	1	29.35	70	60	57		bc	as		9	
7									NXE	1	29.34	73	58	55		b	as		10	
8									NXE	1	29.35	74	58	56		bc	cis		8	
9									N	1	29.35	74	58	56		bc	cis		8	
10									N	2	29.34	74	57	55		bc	cis		8	
11	1	7	1	7	60		239150	45	N	2	29.35	76	56	54		bc	cis		9	
12	8	-	9	7	69		243830	45	NE	2	29.35	76	56	54		bc	cis		9	

Noon. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures: Maximum A1 78 A2 70; Minimum 73 69.

Compass ____ S. H ____ Error ____ Variation ____ Deviation ____

Coal: Received 110; Expended 6.7; On hand 172.7

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 19 June 1918.

REMARKS.

Commences and until 4:00 a.m.

Anchored in Chicago harbor, Municipal Pier F.R. light bearing 51° psc Chicago Breakwater light 344 1/2° psc. U.S.S. YANTIC after anchor light 246 psc. Boilers A & B steamin for auxiliary purposes. Light north airs. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 ccc

4:00 a.m. to 8:00 a.m.

Crew turned to at 5:30 a.m. following out morning orders, cleaning and painting sides also hammock nettings, hoisting whale boat. Barometer using rising. Light airs from north shifting to east.

Ensign, USNRF-4 ess

8:00 a.m. to Meridian

Crew turned to at 8:15 a.m. carrying out morning orders. At 9:00 a.m. magazines tested and found in normal condition. Had drills in Gunnery instruction, nomenclature of cutter, whaleboat and gig sails. Instruction in writing the log, cloud formation, weather symbols, storm signals, general quartermaster duties, duties of coxswains in boat detailing, sea watches handling sections at seat and inport & first aid instruction by Medical Officer. Got underway at 11:05 steering various courses, Captain conning, Standard full speed 78 rev. at 11:17 course 348° psc at 11:35, Put out PL reading 0. At 11:38 . At 12 noon PLR 2.7 knots, rev. 77.7, steam 195 lbs. Wind E. Light air. Barometer steady.

Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.

Steaming at standard speed of 78 R.P.M. on course of 348° psc. Wilson AVe. crib abeam at 12:00 p.m. Changed course to 328° psc at 12:27 p.m. PLR 6.5 knots. Took bow and beam bearing on Gross Pt. Light 2.5 miles distant when abeam at 12:54, PLR 10.2 k 1:00 p.m. PLR 11 k., R.P.M. 78, S.P. 195 Held inspection for contageous disease at 1:00 p.m. Increased speed to 80 R.P.M. at 1:15 , 2:00 p.m. PLR 19.6 k., R.P.M. 80.4, S.P. 190 lbs. Took 26 1/2°, 45, and 90° bearing on Fort Sheridan Tower, 2.8 miles distant when abeam at 2:12 p.m. PLR 2/.25 k., Pulled in PL reading 24.8 knots and stood in toward Great Lakes at 2:37 p.m., steering various courses. Dropped starboard anchor at 2:50 p.m. in 21 ft. of water with 25 fathoms of chain at waters edge. Draft forward 14 ft. aft 15 ft. 11 in. Soundings fore and aft and a half three. U.S.S. YANTIC anchored off port quarters at 2:53 p.m. foremast bearing 103° psc. Bearing taken on Administration Building Tower 290 psc Power house 303° psc, Waukegan Breakwater light 339° psc. Light north west and north by east winds. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 ccc

4:00 p.m. to 6:00 p.m.

Received the following stores aboard from Great Lakes: 6 coal buckets, 10 sheets galv.,iron, 1 Bung hole reamer, 25 lbs. sal soda, 2 black planes. Barometer steady. Light breezes to light air shifting from north east by east to north north east.

Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.

Wind NXE Light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to Midnight.

Weighed anchor and got underway at 10:34 p.m. steering course of 45° psc, at standard speed of 78 R.P.M.. USS YANTIC underway at 10:36 p.m. taking position astern. Log put out at 10:46 p.m. reading 0. Took beam and quarter bearing on Waukegan Breakwater light, 1.9 miles distant when abeam at 10:58 p.m., PLR 1.2 knots. 11:00 p.m. PLR 1.7 k. R.P.M. 80 S.P. 190 lbs. 12:00 midnight PLR 9.7, R. P.M. 78, S.P. 190 lbs. For watch average R.P.M. 69 av. s.P. 185 lbs. Miles made good 11.6. Light north to north by east breezes. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 ccc

Approved:
R. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
F. K. Halsinger
Lieutenant, USNRF-Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM 88 Great Lakes, TO Muskegon, 20 june 1918 1918

L.R.Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	2	17	9	78		248510	45	NXE	2	29.35	70	52	50		c	scu		10	
2	8	-	25	9	78		255190	45	NXE	3	29.35	68	50	48		c	sucu		10	
3	8	2	34	1	78		257870	45	NXE	4	29.35	68	49	47		c	scu		10	
4	8	3	42	4	78		262550	45	NX#	4	29.35	68	49	47		bc	acu		8	
5	8	2	55	6	78		267230	45	EXN	2	29.35	60	49	46		bc	scu		9	
6	8	4	59	-	78		271910	45	E	2	29.34	62	50	47		bc	acu		8	
7	8	3	67	3	78		276590	45	E	2	29.34	63	50	48		bc	acu		7	
8	8	3	75	6	78		281280	45	E	2	29.34	63	53	50		bc	cis		3	
9	7	3	82	9	77	-	285924	45	SEXE	2	29.34	65	58	56		bc	cis		3	
10									SSE	1	29.34	65	65	63		bc	cis		5	
11									SSE	1	29.34	65	72	70		bc	cis		3	
12									SE	1	29.34	66	70	68		bc	cis		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 73 A2 71
Minimum 71 70

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 18.7 / On hand 154.1

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SE	2	29.34	74	71	68		bc	cis		3	
2									SE	2	29.34	75	72	69		bc	cis		3	
3									SE	2	29.36	76	72	70		bc	cis		2	
4									SE	2	29.36	78	74	70		bc	cis		2	
5									W	1	29.35	76	70	67		bc	cis		4	
6									W	1	29.35	75	70	67		bc	cis		4	
7									WSW	1	29.35	78	70	67		bc	cis		3	
8									WXS	1	29.35	78	72	69		bc	cis		4	
9									CALM	-	29.36	78	68	66		bc	cis		6	
10									DO	-	29.35	75	66	64		bc	cis		5	
11									DO	-	29.35	74	64	64		bc	cis		5	
12									DO	-	29.36	71	60	62		bc	cis		5	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 19 June 1918.

REMARKS.

Commences and until 4:00 a.m.

Steering course of 45° psc. 1:00 a.m. PLR 17.9 knots, steam 190 lbs. rev. 78 2:00 a.m. PLR 25.9 k., steam 190 lbs, rev.78. 3:00 a.m. PLR 34.1 k. steam 190 lbs. rev. 78. 4:00 a.m. PLR 42.4, steam 190 lbs. rev. 78. Filled up water tanks at 2:10 a.m. Miles made good for watch 39.1 Average for watch rev. 78, steam 190 lbs. Barometer steady. Light breezes to gentle breezes increasing to moderate breezes from north by east.

Ensign, USNRF-4 ess

4:00 a.m. to 8:00 a.m.

Steering course of 45° PLR 42.2, rev. 78, steam 190 lbs, 5:00 a.m. PLR 50/6 knots, rev., 78, steam 190. 5:30 a.m. crew turned to carrying out morning orders, holystoning main and gun decks and touching up paint work. At 7:00 a.m. PLR 67.3, rev. 78, steam 190 lbs. At 7:15 a.m. sighted land on starboard bow. At 7:25 YANTIC headed off starboard quarter for water at 7:54 YANTIC returned to her position astern at 8:00 a.m. PLR 75:6 rev.78 steam 910 lbs. av. rev. for watch, 78. average steam 190 lbs. Miles made good for watch 42.72. Wind E Light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to 12 meridian.

Steaming standard speed of 78 R.P.M. on course 45° psc, Started steering various courses at 8:15 a.m. Log taken in at 8:55 a.m. reaxing 82.9 9:00 a.m. R.P.M. 77.5, S.P. 190 lbs, for watch, rev.78 Miles made good 8.8. Entered Muskegon channel at 9:05 a.m. and anchored in Muskegon lake off City of Muskegon at 9:35 a.m. 30 fathoms of starboard anchor chain at waters edge. Draft forward 14 ft. 1 in. aft 15 ft. 4 in. Soundings forward 5 fathoms, aft 5 1/2 fathoms. Drift lead put out. Bearing on church steeple 151° psc. South Bar light 247° psc. Gas works stack 94° psc. U.S.S. YANTIC anchored at 9:40 a.m. foremast bearing293° psc Boat drill and maneuvering with flag hoists held from 10 to 11:30 a.m. Light southeast by east breezes shifting to light south, southeast airs. Magazines inspected, conditions normal. S.P. samples taken. Inspections for all hands for contageous diseases held at 11:40 a.m. Light southeast airs. Barometer steady.

Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

Race between gig crew of YANTIC and ESSEX held at 2:00 p.m. YANTIC crew victorious. 4000 lbs ice received from Magvom & Kimball of Muskegon Mich. Light breeze from South east. Barometer rising.

Ensign, USNRF-4 ess

4:00 p.m. to 6:00 p.m.

Light SE air. Barometer steady.

Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.

114 men went ashore on parade in charge of Ensign E. Lewis. Calm. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to Midnight.

Drill party returned at 8:30 p.m. Secured ship for sea at 9:10 J.M. Linduer Flc was granted leave of absence of seven days, with orders to report to District Commandant, Great Lakes at 8:00 a.m. June 28, 1918. Barometer falling. Light air from west by south lessening to calm.

Ensign, USNRF-4 ess

Approved:

Lieutenant Commander, NNV
Commanding Officer.

Examined:

Lieutenant, USNRF-1 U. S. N., Navigator.

4—2159

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Muskegon, Mich. TO Milwaukee, Wisc., 21 June, 19B

L.R. Rutter, Lieut. Comdr., NNV, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8		2	-	69	4	291744	256	SE	1	29.35	72	56	53		bc	cis		3	
2	8	7	20	7	80	8	296594	258	SE	2	29.36	70	54	50		bc	cicu		5	
3	8	5	19	2	81	2	301469	257	SW	2	29.35	68	50	47		bc	cicu		4	
4	8	3	27	5	77	9	315350	258	SW	2	29.35	66	49	46		bc	cicu		5	
5	7	1	35	6	77	8	306148	258	SW	2	29.35	66	50	48		bc	cicu		8	
6	8	8	43	4	75	5	310820	260	SW	2	29.35	68	50	48		bcf	cicu		9	
7	8	4	51	8	79	9	320140	258	SW	1	29.30	68	54	51		bcf	cicu		8	
8		4	60	2	79	6	324915	258	W	1	29.21	65	54	51		bcz	cis		8	
9					75	8	327465		NW	2	29.08	71	70	67		bcz	cis		5	
10									NNW	2	29.08	73	72	70		bcz	cis		4	
11									NNW	2	29.08	75	74	70		bcz	cis		3	
12									NNW	2	29.08	77	71	69		bcz	cis		4	
P. M.																				
1									W	4	29.08	76	72	70		bcz	scu		9	
2									W	4	29.08	76	70	68		bcz	scu		9	
3									NW	4	29.08	76	70	68		bcz	scu		9	
4									NNW	43	29.08	76	70	68		bcz	scu		9	
5									NNW	3	29.09	76	70	68		bcz	acu		9	
6									NNW	33	29.09	76	70	68		bcz	acu		9	
7									NNW	4	29.09	76	70	68		bcz	acu		9	
8									NNW	3	29.09	76	70	68		bcz	acu		9	
9									NNW	4	29.07	70	65	62		bcz	acu		9	
10									NNW	4	29.07	70	64	61		bc	acu		8	
11									NNW	4	29.07	73	62	59		bc	acu		9	
12									NNW	4	29.07	72	60	57		bc	acu		7	

Lat. a.m. / Long. a.m.

Noon: Latitude / Longitude

Lat. p.m. / Long. p.m.

Current: Set / Drift

MAGAZINE TEMPERATURES:

	A1	A2
Maximum	73	73
Minimum	71	70

Made daily inspection and found conditions normal.

S.P. samples tested, OK
Tested life buoy and magaz ne flood cocks.
In good working order.

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 20.7 / On hand 13333

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Boats under oars	instruction
2	signals	in small arms
3	battery drill	
4	collision	battery instruction
5	drill	general instruction in quartermasters duties.
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 21 June 1918

REMARKS.

Commences and until 4:0 0 a.m.
U.S.S. YANTIC UNDERWAY At 12:00 mid. Underway at 12:02. Passes Pier Outer light at 12;42. Put out PL reading 0 at 12:44. Course 255° psc. Standard speed 78 rev. YANTIC guide 800 yards at 1:00 p.m. PLR2 knots. rev. 69.4, steam 195 lbs. At 2:00 a.m. PLR 10/7 knots, rev.80,m steam 190 At 3:00 a.m. PLR 19.2 knots rev.81.2 steam 190 lbs. At 11:00 PLR 27.5 rev. 77.9, steam 195 Av. rev. 74.5 , steam 192. Miles made good 33. Wind SW light air Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Steering course of 258° psc varying speed as necessary to hold position astern of U.S.S. YANTIC at 800 yds. 5:00 a.m. PLR 35.6 knots. R.P.M. 77.8, S.P. 190 olbs. 6:00 a.m. PLR 43.4 k., R.P.M. 75.5, S.P. 190 7:00 a.m. PLR 51.8 knots. R.P.M. 79.9 k., S.P. 195. Changed position to 400 yds astern of U.S.S. YANTIC at 7:00 a.m. 8:00 PLR 60.2 knots. R.P.M. 79 S.P. 205 lbs. For Watch, av. R.P.M. 77.7, av. S.P. 198. Miles made good 72.2 Crew turned to at 5:30 a.m. and engaged in carrying out morning orders scrubbing down decks, canvas, cleaning fore hole and chipping paintwork. forward on gun deck. Fog bank formed at 6:10 a.m. and lifted at 7:00 Light southwest breezes and airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
Steering course of 258° psc. Milwaukee light vessel sighted at 8 :LO. Patent log taken in at 8:40 when abeam of Milwaukee light vessel. reading 65.7 9:00 ref. 75, steam 190 lbs. Anchored at 9:06 with 30 fathoms of chain at the waters edge, in 4. 3/4 fathoms of water. Bearings taken to fix position in Milwaukee harbor. On south Pier head light. Ships head 280° psc. Bearing 249° psc on Northwestern tower. Shipa head 295 psc Ships head 290 bearing 279° psc. Made inspection of magazine flood cocks an found same in good working order. Condition of magazines normal. Held drills in battery instruction and boats under oars and signals for super- umeries . Draft of ship 14 ft. 1 in. forward, 15 ft. 4 in. aft. Light breezes shifting from West to west north west.

E. Barnes
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Crew turned to at 1:00 p.m. At 1:30 p.m/ inspection of crew by the Medical Officer. Held the following drills; Gunners mates, instruction in Springfield rifle; coxswains, battery instruction and Quartermasters instruction in general quartermaster duties. Wind fresh breeze W tonNW.
Barometer steady

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
Gentle northwest breezes shifting to northwest by north.

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
U.S.S. GOPHER headed in to Milwaukee Harbor and anchored off port quarter, at 7:14 p.m. Barometer steady. Gentle breezes to moderate breezes from north north west.

E. Barnes
Ensign, USNRF-4 ess

8:00 p.m. to midnight.
Secured ship for sea at 11:30 p.m. and got underway at 11:56 Wind NNW. Fresh breeze. Barometer steady.

Ensign, USNRF-4 jsn

Approved:
L. R. Rueter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
G. L. Hedrick Jr.
Lieutenant USNRF-1
U. S. N., Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Milwaukee, Wisc. TO Chicago, Ill. 22 June 1918. 191

L.R.Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A.M.																				
1	6	3	6	2	71	1	534146	160	NXE	4	29.08	70	65	64		c	scu		10	
2	8	7	14	9	78	6	538866	160	NXE	4	29.08	70	63	68		c	scu		10	
3	8	6	23	5	79	8	543662	175	NXE	3	29.08	70	65	68		c	scu		10	
4	8	5	40	-	78	3	548362	175	NXE	1	29.08	70	65	68		c	scu		10	
5	8	7	49	7	79	-	553102	175	NXE	1	29.07	70	60	58		bc	cu		9	
6	8	9	58	6	79	9	557900	175	NXE	1	29.07	70	60	58		bc	cu		9	
7	8	5	62	1	78	1	562590	155	NXE	1	29.07	70	60	58		bc	cu		9	
8	4	6	-	7	80	-	567390	var.	NX	1	29.07	70	60	58		bc	acu		9	
9									NNE	3	29.08	70	54	51		bc	as		9	
10									NNE	3	29.08	66	54	49		bc	as		9	
11									NNE	3	29.08	68	53	50		bc	as		3	
12									NNE	3	29.08	70	54	51		bc	cis		3	

P.M.																				
1									NXE	2	29.08	71	62	60		bc	cis		4	
2									NXE	1	29.07	70	56	53		bc	cis		2	
3									NXE	1	29.07	70	53	50		bc	-			
4									NNE	1	29.07	70	55	52		b	-			
5									NE	1	29.07	71	56	54		b	-		1	
6									NE	1	29.08	70	55	51		b	cis		2	
7									NE	2	29.08	70	55	52		bc	cis		1	
8									NE	2	29.08	69	56	53		bc	cis		1	
9									NEXN	1	29.07	68	56	53		bc	cis		2	
10									NNE	1	29.09	68	58	53		bc	cis		5	
11									NNE	1	29.09	68	56	53		bc	cis		5	
12									NNE	1	29.07	68	56	53		bc	cis		6	

Noon: Latitude _____ Longitude _____

P.M.: Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum A1 81 A2 74
Minimum 73 70

Made fort-nightly test of S.P. samples, condition good.

Compass _____
S. H. _____
Error _____
Variation _____
Deviation _____

Coal: Received _____ Expended _____ On hand _____

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Boats under oars.	
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 22 June 1918., 191

8:00 p.m. to Midnight.

Gopher enterad Chicago Harbor and moored totthe Municipal Pier at 8:40 p.m. 12:00 liberty party returned . Wind NE/ Light air. Barometer steady.

Ensign, USNRF-4 jsn

Approved:

L. R. Sumner
Lieutenant Commander, NNV
Commanding Officer.

Examined:

G. H. Watkins 2d
Lieutenant, USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ADDITIONAL SHEET.

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 22 June 1918.

REMARKS.

Commences and until 4:00 a.m.

Weighed anchor and got underway at 11:56 p.m. 6:21. U.S.S. YANTIC underway at 12:00 midnight. PLR 0 put out at 12:13 a.m. Sttod out of Milwaukee Harbor steering various courses at slow speed until abeam of light v3ssel at 12:24 a.m. PLR 1 k. then changed course to 160° psc steaming at standard speed of 78 R.P.M. 1:00 a.m. PLR 6.2 k., R.P.M. 71.1, S.P. 185 lbs. Took 26 1/2° bow and beam bearing on Wind Pt. light, 8 miles distant when abeam at 2:01 2:00 a.m. PLR 14.9 k., R.P.M. 78.6 S.P. 195. Changed course to 175° psc at 2 :05 a.m. when Wind Pt lt. bore west. Took bow, beam and quarter bearing on Racine reef lt., 1.3 miles distant when abeam at 2:25 a.m. 3:00 PLR 15.5 k/ R.P.M.79.8 S.P. 195. Took bow beam and quarter bearing on Kenosha lt. 5.5 miles distany when abeam at 3:17 a.m. 4:00 a.m. PLR 32 k., R.P.M. 78.3 S.P. 195. For watch, Av/ R.P.M. 76.9 av. S.P. 192. Miles madegood 38.2 Moderate to gentle north by east breezes. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.

Steering course 175° psc. standard speed 78 R.P.M. Waukegan light abeam at 4:40 a.m. PLR 39 k., rev. increased to 83 R.P.M. at 4:45 5:00 a.m. PLR 40:7 k., steam 190 R.P.M. 79. Administration Bldg. Great Lakes Training Station abeam at 5:09 PLR 42 knots. Took on 1120 gal of water at 5:00 Bow and beam bearing taken on Ft. Sheridan Tower 8.7 miles abeam at 5:46 6:00 PLR 49.6, steam 195 R.P.M. 79.9 Took bow and beam bearing on Gross Pt light, abeam 2.6 miles at 6:50 a.m. 7:00 a.m. PLR 58.1, steam 195 R.P.M. 78.1 Changed course to 160° psc at 7:03 a.m. Patent log taken in at 7:32 reading 62.7 Crew turned to at 5:30 cleaning up ship for Captain's inspection 8:00 a.m. R.P.M. 80, steam 190 av. for watch, steam 193. rev. 79 Miles made good 34 miles. Light air from North and east. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 ess

8:00 a.m. to Meridian.

Steering various courses into Chicago Harbor. Captain conning. At 8:11 a.m. passed Van Buren Gap light. At 8:27 anchored in 3 1.4 fathoms of water, 30 fathoms of chain at waters edge. South Breakwater light 242° psc North breakwater light 280° psc Made daily inspection of magazines and found them in normal condition. At 8:30, U.S.S. YANTIC anchored. Inspection of ship by Captain at 10:15 a.m. Held the following drills: Boats under oars. The following men granted leave of absence. J.D. Kerr, SC2c USN, 5 days: R. Safar, SF1c RF-4, 10 days N. Freiberg, Oil. RF-4 , 10 days. Held inspection of crew by Medical Officer at 11:50 a.m. Quarantine lifted at 11:55. Wind NXE. Light breeze. Barometer steady.

Ensign, USNRF-4 jsn

Meridian to 4:00 p.m.

Liberty party shoved off at 1:30 p.m. Supernumeries shoved off at 1:45 p.m. for infantry drill with rifles. Received from Schultz Baking Co., 500 lbs. bread for commissary. Received from Kranz Co., candy for canteen. E.C. Swing, Sprt. USN sent to U.S.S. YANTIC with transfer papers at 2:30 Light north by east airs and breezes shifting to north northwesta. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p:m. to 6:00 p.m.

Supernumery crew drilling party returned aboard at 5:15 p.m. light north northeast airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

All liberty party ashore at 6:55 p.m. G.J. Schutz, Cpsmth, 2c returned from furlough. Bearing taken S.H. 85° 58° psc. Outer Breakwater light inner breakwater light. 33° psc. South Breakwater light 164o psc. Wind NE Light air. Barometer steady.

Ensign, USNRF-4 jsn

Approved:
L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer.

Examined:
[illegible]
Lieutenant, USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago, Ill. TO ....., 23 June 1918, 191

L.R.Rutter, Lieut. Comdr., NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Anchored	Chicago	Harbor.						NNE	1	29.08	65	56	54		bc	cis		4	
2									NNE	1	29.08	66	57	55		bc	cicu		3	
3									NNE	2	29.08	65	53	51		bc	cis		4	
4									NNE	2	29.08	69	53	51		bc	cis		4	
5									NE	2	29.09	64	54	51		bc	cis		3	
6									NE	1	29.08	62	62	59		bc	ci		2	
7									NE	1	29.08	63	62	59		bc	ci		2	
8									NE	1	29.08	66	68	65		bc	ci		2	
9									NE	1	29.08	64	68	65		bc	ci		1	
10									NE	1	29.08	64	76	73		bc	ci		1	
11									-	-	29.07	63	76	67		bc	ci			1
12									-	-	29.07	64	70	67		bc	cis		6	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum A1 72 A2 70

Minimum 72 70

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 3.5 On hand 114.8

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									E	1	29.07	64	70	68		bc	acu		6	
2									E	1	29.07	66	70	68		bc	acu		6	
3									E	1	29.07	66	70	68		bc	acu		67	
4									E	1	29.07	66	70	68		bc	acu		7	
5									E	1	29.07	66	70	68		bc	acu		7	
6									E	1	29.07	66	70	68		bc	acu		7	
7									E	1	29.07	66	70	68		bc	acu		7	
8									E	1	29.07	68	72	70		bc	acu		7	
9									E	1	29.07	68	72	70		bc	acu		7	
10									-	-	29.07	68	72	70		bc	ci		7	
11									-	-	29.07	68	72	70		bc	ci		8	
12									SW	1	29.07	68	72	70		bc	acu		9	

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP Essex 23 June1918.

REMARKS.

Commences and until 4:00 a.m.

Anchored in Chicago Harbor. S. Breakwater light bearing 242° psc N. Breakwater Light 280° psc . Boiler "B" steaming for auxiliary purposes. Light north northeast airs and breezes.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m., to 8:00 a.m.

Crew turned to scrubing both decks and getting ship ready for Sunday inspection. U.S.S. HAWK underway at 6:30 a.m. All liberty party returned on time. NE winds.. light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian.

Crew cleared up ship for Sunday morning inspection. Liberty party ashore at 9:30 a.m. Made daily inspection of magazine, condition normal. U.S.S. HAWK anchored astern of ship at 11:13 a.m. Barometer steady Light airs from northeast to calm.

E. S. Sarmene
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.

Visitors received aboard. U.S.S. GOPHER stood in and moored off Municipal Pier at 2:11 p.m. Light north northeast airs and breezes. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

Light airs from east. Barometer steady. E

Ensign, USNRF-4 jsn

6:00 p/M/ to 8:00 p.m.

Light airs grom east. Barometer steady.

Ensign, USNRF-4 jsn

8:00 p.m. to Midnight.

Liberty party returned at 12:00 midnight. No absentees/. Barometer steady. Light airs fromeast, changeing to calm.

E. S. Sarmene
Ensign, USNRF-4 ess

Approved:
L. R. Russell
Lieutenant, COmmander, NNV
Commanding Officer.

Examined:
G. H. Haberzettle J.R.
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago Ill. TO _____, 24 June, 1918

L.R.Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.07	70	68	68		bcz	acu		9	
2									SXW	1	29.07	72	68	66		bcz	a u		9	
3									SXW	1	29.07	70	68	66		bcz	acu		9	
4									SXW	2	29.07	73	68	63		bcz	acu		9	
5									SXW	2	29.08	72	66	64		bcz	scu		7	
6									SW	1	29.08	72	66	64		bcs	scu		8	
7									SW	1	29.08	72	66	64		bcz	scu		9	
8									SW	1	29.08	72	66	64		bcz	scu		8	
9									SW	1	29.08	72	66	64		bcz	scu		8	
10									S"	1	29.08	72	66	64		bcz	scu		8	
11									SW	1	29.08	72	66	65		bcz	scu		8	
12									SW	1	29.08	72	66	64		bcz	scu		8	
P. M.																				
1									SSW	2	29.10	80	72	69		cdo	scu		10	
2									SSW	2	29.11	80	72	69		co	as		10	
3									SSW	2	29.11	80	74	71		co	as		10	
4									SWW	2	29.12	78	70	67		co	as		10	
5									SW	2	29.12	79	70	67		c	scu		10	
6									S	2	29.12	78	68	66		bc	ci		5	
7									S	2	29.12	76	68	66		bc	acu		8	
8									S	2	29.11	74	68	63		bc	acu		8	
9									S	2	29.11	72	65	60		bc	acu		8	
10									S	2	29.11	74	68	66		bc	cu		9	
11									S	2	29.11	75	68	65		bc	cu		7	
12									S	2	29.11	74	68	66		bc	cu		4	

1

2

Noon. Latitude _____ Longitude _____

1 p. m. Latitude _____ Longitude _____

2 p. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal: Received _____ Expended _____ On hand _____

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 24 June 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor, 30 fathoms of chain at waters edge. Boiler "b" steaming for auxiliary purposes. Wind S Light air. Barometer steady.

Ensign, USNRF-4 jsn

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. following out morning orders. Liberty party returned with the wxception of W.H. Morenz, Sea. USN Barometer steady. Light breeze to light airs shifting from south of west to south west.

Ensign, USNRF-4 ess

8:00 a.m. to Meridian
Magazines inspected and found to be in normal condition. Supernumeries instructed during drill periods. Coxswains, battery drill, gunnersmates boat maneuvers with flag hoists, quartermasters in sounding machine and patent log. U.S.S. YANTIC underway at 9:10 for coal dock, alongside at 9:15 a.m. U.S.S. ISLA DE LUZON underway for coal dock at 9;15, alongside dick at 9:25 a.m. Lieut (sg) C.B. Hatch, USNRF-1 reported aboard for duty with papers at 8:30 a.m. U.S.S. HAWK underway at 10:00 a.m. standing out in the lake. W.H. Morenz sea, USN, reported aboard at 11:00 3 hrs. overleave. Received from North Shore Produce Co., 2 bbls. apples Received from W. Trigg & Co., 150 lbs. fish. Received from Morris & Co. 150 lbs pork. Received from Standard Oil Co., 50 gal. gasolene, 30 gal. kerosene. Barometer steady.

Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Received from O.F. Mayer Bros., 200 lbs. hamburger, 150 lbs. pork loins 500 lbs. pork sausage. Passing shower at 1:05 p.m. YANTIC left coal dock at 1:05 p.m. and anchored at 1:22 p.m. Underway at 1:15 p.m. for coal dock. Moored to the dock at 1:37 p.m. Draft of ship before coaling, 13.7 forward, 15.8 aft. 70 tons received from Pittsburg Fuel Co.m Finished coaling at 2:22 p.m. Underway at 2:29 p.m. Anchored at 2:56 p.m. 56 fathoms at waters edge. Draft after coaling, 14' 1" forward, 15' 11" aft. Received from Wilson & Co., 6 quarters of beef and 2 boxes beef hearts. Wind SSW. Light air, Barometer steady.

Ensign, USNRF-4 jsn

4:00 p.m. to 6:00 p.m.
Received from M.G. Power: 6 cases eggs, Received from O.F. Mayer 150 lbs. pork sausages, 200 lbs. hamburger, 100 lbs. frankfurters, 150 lbs pork butts, 200 lbs. Navy luncheon meat, 100 lbs. liver, Received from Houston & Son, 3500 lbs. potatos, 4 boxes oranges, 300 lbs, onions, 150 lbs. kraut, from North Shore Fruit and Produce Co., 2 bbl. apples? Schultz Baking Co., 1000 lbs. bread. Liberty party ashore at 5:30 p.m. Light breezes shifting from south, south west to south. Barometer steady.

Ensign, USNRF-4 ess

6:00 p.m. to 8:00 p.m.
Light breeze from South. Barometer falling slightly.

Ensign, USNRF-4 jsn

8:00 p.m. to midnight.
E.G. Lewis, Ensign, USNRF-4 GS disenrolled from service, left ship with papers and baggage at 11:00 p.m. Liberty party aboard by midnight. Two absentees, A.S. Walters, SC4c; J.H. Jennings, Gab-ck, RF-4. Light southwest breezes. Barometer steady.

Ensign, USNRF-4 cec

Approved:
Lieutenant Commander, NNV
Commanding Officer.

Examined:
Lieutenant, USNRF-1 U.S.N. Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP USSES

AT OR EN ROUTE FROM Chicago Illinois TO _____, 25 June 1918, 191

L.R. Rutter, Lieut. Comdr. USNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Rate.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Tenths.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Motion from.	Clouds. Amount.	Sea.
A.M.																				
1									S	1	29.11	72	66	63		bc	scu		8	
2									S	1	29.11	70	64	61		oc	scu		10	
3									S	1	29.11	70	64	61		oc	scu		10	
4									ESE	1	29.11	70	66	63		oc	scu		10	
5									ENE	2	29.11	68	65	62		oor	scu		10	
6			5	5	65		574614	548	EN	2	29.11	75	65	62		oor	scu		10	
7	8	4	11	9	80		579414	522	ENE	2	29.11	75	55	56		ooc	as		10	
8	7	9	19	8	80		584214	525	ENE	3	29.11	75	56	55		ooc	as		10	
9	6	9	26	7	74		588654	525	N	4	29.11	70	55	54		oof	as		10	
10									N	4	29.11	71	56	51		oof	sco		10	
11									NNE	4	29.11	74	56	54		oof	sc		10	
12									NNE	4	29.11	74	55	53		of	sc		9	

Noon.	Latitude	
	Longitude	
Night.	Latitude	
	Longitude	
4 P.M.	Latitude	
	Longitude	
Current	Set.	
	Drift.	

Magazine Temperatures:

Maximum	A1	77	A2	75
Minimum		75		71

Compass		
S. H.		
Error		
Variation		
Deviation		
Gal.	Received	70
	Expended	13.7
	On hand	187.3
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2	Instructions in	
3	sightsetting to	
4	Coxswains.	
5		
6		
7		
8		
9		

P.M.																				
1									NNE	3	29.11	74	56	54		ooc	cis		10	
2									NNE	3	29.11	74	56	54		ooc	cis		10	
3									NNE	3	29.11	74	56	54		ooc	cis		10	
4									NNE	3	29.11	75	56	54		oo	cis		10	
5									N	3	29.11	75	56	54		ooc	cis		10	
6									N	3	29.11	70	54	52		ooc	cis		10	
7									N	3	29.11	70	52	50		oc	as		10	
8									N	2	29.11	70	52	50		oc	as		10	
9									N	2	29.11	70	54	52		oc	as		10	
10									N	2	29.11	70	56	54		bc	as		9	
11									N	2	29.11	70	56	54		bc	sco		9	
12									N	2	29.11	70	56	54		bc	sco		9	
											29.11									

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 25 June 1918

REMARKS.

Commences and until 4:00 a.m.
Both boilers steaming in preparation of getting under way. All boats hoisted and secured for sea. Barometer steady. Light airs from south.

Lieut. USNRF-1

4:00 a.m. to 8:00 a.m.
A.S. Walters, S.C4c, USN, reported aboard at 4:10 a.m. 4 1/2 hours overleave. Weighed anchor and got underway at 5:oo a.m. Draft forward 14' 1E Aft 15' 11". USS YANTIC underway at 5:04 a.m. USS GOPHER underway at 5:05 USS HAWK underway at 5:28 a.m. Crew turned to at 5:30 a.m. carrying out morning orders. PL put out at 5:31 reading 0. Stood out oh harbor and steered course of 23° psc at Standard speed of 80 r.P.M. Changed course to 348 psc at 5:40 a.m. Carter Harrison crib abeam at 5:45 a.m.
PLR 1.Lk/ 6:00 a.m. PLR 3.5 k., R.P.M. 66, s.P. 200 lbs. Wilson Crib abeam at 6:05 a.m. Changed course to 322° psc PLR 7.8 k. at 6:31 Took bow and beam bearing on Gross Pt light 2.7 miles distant when abeam at 6: 59 a.m. 7:00 PLR 11.9 k S.P. 200 lbs. R.P.M. 80. Took position astern of U.S.S. GOPHER at 7:00 a.m. course 325° psc. USS YANTIC following astern. 8:00 a.m. PLR 19.8k. R.P.M. 80, S.P. 195 lbs. For watch, Av. rev. 75, S.P. 197 lbs. Miles made good 33.8 Light mist between 5:30 and 6:15 a.m. Light fog slowly thickening. Light to gentle west by north breezes. Barometer steady.

C. C. Crowley, Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
Steering a course of 325° psc PLR 19.8 k. rev. 80, steam 195 lbs. At 8:50 half speed ahead. At 9:15 anchored with 40 fathoms of chain at the w waters edge. Magazines tested and found to be in normal condition. Instruction to Coxswains in sight setting. USS ISLA DE LUZON anchored 430 yds from this ship. YANTIC anchored at 9:15 710 yards USS GOPHER anchored at 9:27 a.m. Steamer from Station carried away port gangway. At 10:15 USS HAWK at anchor. Jennings, J.H. Cab-ck absent without leave. Wind NE light breeze. Barometer steady.

Lieut. USNRF-1

Meridian to 4:00 p.m.
Hoisted guard and guide flaf at 12:00 noon. Supernumery crew received instruction in Marlinspike seamanship, and battery drill. Examinations held for ratings. Gentle breezes from north by east shifting to north-north east.

Lieut. USNRF-1

4:00 p.m. to 6:00 p.m.
Guard boat shoved off at 4:00 p.m. Returned at 5:30 p.m. Received from Great Lakes Miscellaneous stores, equipment and tools. Received from Great Lakes 160 3-pdr. cartridges, target shells S.P. 518, 10 3-pdr. ammunition chests. Peters, S.M. sea, rtransfered to Naval Hospital at Great Lakes by order of Medical Officer. Gentle north breezes. Barometer steady.

C. C. Crowley, Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Guard boat shoved off at 6:45 p.m. Gentle and light north breezes. Barometer steady.

C. C. Crowley, Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
Guard boat shoved off at 9:10 p.m. and returned at 10:40 p.m. Supernumery quartermasters had signal drill with USS YANTIC. Wind N light air. Barometer steady.

Lieut. USNRF-1

Approved:
L. R. Lucas
Lieutenant Commander, NNV
Commanding Officer

Examined:
Lieutenant, USNRF-1 U.S.N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO _____, 26 June 1918, 191

L.R.Rutter, Lieut. Comdr. NNV, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Anchored at Great Lakes.								NXW	1	29.12	68	70	68		bc	as		6	
2									NXW	1	29.12	68	70	68		bc	as		6	
3									NXW	1	29.12	68	70	68		bc	as		7	
4									NNW	1	29.12	68	70	68		bc	as		7	
5									NNW	1	29.12	69	66	64		bc	scu		7	
6									NNW	1	29.12	68				bcf	scu		7	
7									NNW	1	29.12	68	60	58		bcf	acu		7	
8									NNW	1	29.12	70	62	60		bcf	acu		7	
9									N	1	29.12	70	63	62		bcf	acu		7	
10					43	2	34065		SE	1	29.12	70	65	63		bcz	acu		6	
11					69	6	392136		SE	1	29.12	70	66	64		bcz	acu		8	
12									SE	1	29.12	70	66	64		bcz	acu		6	

s.a.m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

s.p.m. Latitude _____ Longitude _____

Current Set _____ Drift _____

Magazine Temperatures: A1 Maximum 75 Minimum 72 — A2 Maximum 74 Minimum 71

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. Received _____ Expended 8.4 On hand 158.9

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Guns bore sighted	
2		
3	Battery drill	
4		Target Practice
5	Practical seamanship	
6		Commenced firing at 3:40 p.m.
7		
8		finished at 6:52 p.m.
9		

P. M.																				
1									SE	1	28.88	70	66	63		bcz	cis		8	
2									SE	1	28.88	70	66	64		bcz	cis		8	
3									SE	1	28.89	70	65	63		bcz	cis		9	
4					65	-	395565		SE	1	28.90	72	66	64		bcz	cis		9	
5					76	-	399085		SE	1	28.90	71	65	62		bcz	cicu		8	
6					60	5	402390		SE	1	28.90	70	63	60		bcz	cis		6	
7					74	-	406686		SE	1	28.90	70	62	59		bcz	cis		5	
8									SE	1	28.84	68	62	59		bcz	cis		5	
9									SE	1	28.87	77	62	51		bcz	cis		5	
10									S	1	28.87	79	61	58		bcz	cis		5	
11									S	1	28.87	79	61	58		bcz	cis		5	
12									S	1	82.82	80	59	58		bcz	cis		5	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP Essex 26 June 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored off Great Lakes, Ill. 430 yds. astern of U.S.S. ISLA DE LUZON and 710 yds. ahead of U.S.S. YANTIC. Administration Bldg. Tower bearing 287° psc. Waukegan Breakwater light 355° psc. Both boilers steaming. Light north by west airs. Barometer steady.

C.C. Crowfoot
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. Clamped down decks. WNW/ Light air. Barometer steady.

Ensign, USNRF-4 jsn

8:00 a.m. to Meridian
Powder flag hoisted at 8:30 a.m. 3 pdr. shells taken from magazines and tips colored in preparation for target short range battle practice. Got underway at 9:25 steering various courses, draft forward, 14 ft. aft, 15' 11" All guns bore sighted. U.S.S. GOPHER underway at 9:30 following us in formation, 400 yds. astern. Magazines tested and found conditions normal Quarters held at 10:25. All present and accounted for with the exception of J.H. Jennings, Cab-ck, USNRF-4 who has been absent since June 24, 1918 at midnight. Morning spent in checking up the target range, off Great Lakes Training Station as the target and range buoy was forced out of position by the heavy sea of yesterday, June 25th, 1918. 10:00 av. rev. 43.2 steam 200 Put out Patent log at 10:25 reading zero. 11:00 readings PL 2.8 knots. rev/ 69.6, steam 195 lbs. PL taken in at 11:00 reading 2.8 knots. Anchored at 11:27 in 7 fathoms of water with 35 fathomsat the waters edge. U.S.S. YANTIC relieved us of Guard duty at 12:00 Average for watch rev. 56.3 steam 197 Barometer steady. Light airs from north shifting to south east.

V. Barnum
Ensign, USNRF-4 ess

Meridian to 4:00 p.m.
Relocated and anncored range buoys 600 yds. north and south of red flag buoy. U.S.S. GOPHER anchored approximately 1000 yds. south of target. at 3:45 p.m. Ready for short range battle practice at 3:55 p.m. 1st run, on range at 3:40 p.m. port battery firing, 30 rounds, 14 hits, time 3 min.14 Sec. 4:00 p.m. av. rev. 65, S.P. 200. Light southeast to south west airs. Barometer steady

C.C. Crowfoot
Ensign, USNRF-4 cec

4:00 p.m. to 8:00 p.m.
First run, starboard battery on the range at 4:16 p.m. firing 32 shots 9 hits, time, 4 min. 23 sec. Second ran port battery, on the range 4:42 p.m 30 shots, 7 hits, time 4 min. 37 sec. At 5:00 p.m. rev. 76, steam 200. second ran, starboard battery, time 3min. 18 sec. 25 shots, 16 hits. time 4 min. 23 seconds. At 6:00 p.m. rev. 80.5 steam 200, 3rd run, port battery on range 6:06 30 shots, 15 hits, time, 4 min. 37 seconds. Wind SE, light air Barometer steady,

Ensign, USNRF-4 jsn

6:00 p.m. to 8:00 p.m.
3rd run starboard battery 6.34 1/2, 21 shots, 5 hits, time 4 min. 20 sec Ceased firing at 6:52 p.m. At 7:00 p.m. rev. 74, steam 200. At 7:00 p.m. GOPHER underway at 7:25 p.m. At 7:41 p.m. anchored of Great Lakes Training Station 25 fathoms of chain at waters edge. At 7:40 p.m. received the following stores from Great Lakes: 5 cases paint, 10 bags navy beans, 1000 lbs 5 sheets brass, 1 box tools, 1 coil 6" line, 5 bags corn meal, 500 lbs. 10 cases of jam, 10 cases corn, 5 cases cocoa, 5 cases baking powder, 20 bags flour, 1960 lbs.; 5 bags hominy grits/ 10 cases milk, 10 cases pears, 10 cases peaches, 5 bags rolled oats, 100bags sugar, 15 cases tomatos,

Ensign, USNRF-4 jsn

8:00 p.m. to 12:00 midnight.
Both ship's company and supernumery quartermasters received drill message from USS HAWK at 8:45. Soundings taken at 8:30 , 4 1/2 fathoms forward, 4 fathoms amidships, 5 3/4 fathoms aft. Barometer steady, light air from southeast shifting to south.

V. Barnum
Ensign, USNRF-4 ess

Approved:
R.R. Rueter
Lieut. Comdr. NNV
Commanding Officer

Examined:
H.H. Halsey 2d.
Lieutenant, USNRF-1
U.S.N. Navigator.

(This page to be sent to Bureau of Navigation monthly.)

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO _____. 27 Junel 1918. 191

L.R. Rutter, Lieutenant, Comdr. NNV, _____, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SXE	1	28.88	76	60	57		bc	cis		3	
2									SXE	1	28.88	76	60	57		bc	cis		3	
3									S	1	28.88	74	60	57		bc	cis		3	
4									S	1	28.88	74	60	47		bcz	cis		4	
5									S	1	28.88	74	62	59		bcf	cis		6	
6									S	1	28.88	74	62	59		bcz	cis		5	
7									SXW	1	28.88	74	65	62		bcz	cis		4	
8									SXW	1	28.88	76	63	61		bxz	cis		4	
9									SXW	1	28.87	75	75	71		bcz	scu		7	
10									WSW	1	28.86	75	80	76		bcz	scu		7	
11									WSW	1	28.88	76	78	75		bcz	scu		7	
12									WXS	1	28.89	76	78	75		bcz	scu		7	
P. M.																				
1									WNW	1	28.88	78	78	76		bcz	acu		9	
2									WNW	1	28.88	78	74	72		bcz	acu		9	
3	1		1		55		410174	22	WNW	1	28.88	76	72	70		oz	scu		10	
4	7	1	8	1	71	5	414450	22	WNW	3	28.88	70	70	68		oz	n		10	
5	7	8	15	8	67	5	418501	var	WNW	3	28.88	70	70	68		ocz	n		8	
6	6	9	33	8	67	4	422545	22	WNW	2	28.88	70	70	68		ocz	n		8	
7	8	2	31		71	1	426814	20	WNW	2	28.88	70	70	68		oz	cicu		7	
8	7	7	38	7	70	5	431052	20	WNW	1	28.88	70	65	68		oz	cu		8	
9	7	7	46	4	72	4	435395	20	WNW	1	28.88	73	58	56		boz	acu		6	
10	7	7	54	1	71	2	439668	20	WNW	1	28.89	73	57	54		bcl	acu		7	
11	7	9	62		72	5	444018	20	WXS	1	28.89	72	54	53		bcl	acu		9	
12	7	9	69	9	71	3	448298	20	WSW	1	28.89	72	53	51		bcl	acu		9	

Lat. at noon: _____ Long. at noon: _____

Lat. at 8 p.m.: _____ Long. at 8 p.m.: _____

Current: Set _____ Drift _____

Magazine Temperatures: Maximum A1 76 A2 72. Minimum 75 70

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal: Received _____ Expended _____ On hand _____

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Coxswains	
2	boats under sails	
3		Tactical Signal drill
4	Gunners Mate's	
5	Overhauling	
6	battery	
7		
8	Quartermasters	
9	signalling	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 27 June 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored off Great Lakes, 25 fathoms of chain at waters edge. Boilers 1 & 2 steaming. Pumped bilges at 3:15 a.m. Wind SE, light air. Barometer steady.

Lieutenant, USNRF-1

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:00 a.m. following out morning orders, scrubbing down both decks, side cleaners over the side. All boats cleared. Port gangway shipped. Uniform signals received from USS ISLA DE LUZON at 6:55 designating the uniform of the day, for enlisted men, blue working dress, white hats. Officers, service blue. Barometer steady. Light airs, shifting from south to south by west.

Lieut, USNRF-1

8:00 a.m. to Meridian.
Magazines inspected and found in normal condition. Drill in boats under oars and sails for Coxswains. Gunners mates in overhauling battery and quartermasters in signalling during drill periods. 160 empty 3-pdr. target practice shells returned in cases to Great Lakes. Received Miscellaneous carpenter supplies from Great Lakes. USS S.H. Williams, supernumery transferred to Naval Hospital at Great Lakes, with mumps by order of Medical Officer. J.D. Kerr, SC2c reported aboard from leave of absence at 9:30 a.m. USS HAWK and YANTIC underway for battle range at 9:03 a.m. Light south west airs shifting to west southwest. Barometer steady.

C.C. Crowe
Ensign, USNRF-4 sec

Meridian to 4:00 p.m.
Prepared to get underway for tactical drill of ships. USS LUZON ESSEX, YANTIC, USS HAWK, and USS GOPHER at 2:00 p.m. Underway at 2:24 p.m. Draft of ship 13' 9" forward, 15' 10" aft. Changed course to 22° psc at 2:42 PLR put out at 2:52 reading 0. Waukegan light abeam at 3:00 p.m. 1-0, rev. 55 steam 200 lbs. Changed course at 3:07 p.m. Began to rain at 3:22. At 3:34 LUZON signalled 3° on port quarter, PLR 4.7 k. At 3:44 form column on this ship, PLR 6-k. At 4:00 p.m. PLR 8.1 k. rev. 71.6, steam 200 lbs. Av. rev. for watch 63, steam 200 lbs. Wind WNW, light air. Barometer steady.

Lieut, USNRF-1

4:00 p.m. to 6:00 p.m.
Steaming in formation, ISLA DE LUZON ESSEX, YANTIC, HAWK, GOPHER steering various courses following out tactical maneuvers under the leadership of the flag ship, ISLA DE LUZON. 5:00 PLR 15.9, rev. 67.5, steam 200 6:00 PLR 22.8, rev. 67.4, steam 200 lbs. average for watch 67.4, steam 200 lbs. Miles made good 17.6. Barometer steady. Gentle breezes to light breeses from west north west.

Lieut, USNRF-1

6:00 p.m. to 8:00 p.m.
Steaming in open order formation, position 400 yds. off port quarter of ISLA DE LUZON, bearing 10° psc. Course 20° psc . to 22 psc. 7:00 PLR 31 k., R.P.M. 71.1 , S.P. 200 lbs. 8:00 p.m. PLR 38.7 k. R.P.M. 70.6 S.P. 200 lbs. av. for watch R.P.M. 69.1 k., S.P. 200 lbs. Miles made good 19.1 . Light west northwest airs and breezes. Barometer steady.

C.C. Crowe
Ensign, USNRF-4 sec

8:00 p.m. to Midnight.
Steering various courses maintaining standard distance of 400 yds. from LUZON At 8:00 pm PLR 38.7 k., rev. 70.6, S.P. 200 lbs. At 9:00 p.m. PLR 46.4, rev. 72.4, steam 200 lbs. AT 10:00 p.m. 54.1, rev. 71.4, steam 200 lbs. At 10:15 semaphore message; Take position 1/2 point on LUZON'S port quarter. Owing to danger in close sailing. At 11:00 p.m. PLR 62 k., rev. 72.5, steam 195 lbs. At 12:00 mid. PLR 69.9 ,rev. 71.3, steam 200 lbs. Av. for watch 7118, steam 200 lbs. Wind WSW, light air. Barometer steady.

Lieut, USNRF-1

Approved:
Lieutenant Commander, USNV
Commanding Officer.

Examined:
Lieutenant, USNRF-1 Jr. Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, ILL TO S. Manitou Isle. 28 June 1918 191

L.R.Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	-	77	9	71	5	452985	20	SW	2	28.88	68	66	64		ocz	as		10	
2	7	8	85	7	72	-	456905	20	SW	2	28.88	68	64	62		ocz	as		10	
3	8	-	93	7	70	5	461136	20	SW	2	28.88	68	52	50		of	as		10	
4	7	7	1	4	71	3	465408	20	SW	2	28.88	68	50	48		of	as		10	
5	7	8	1092		71	4	469695	20	SW	2	28.88	68	50	38		of	sn		10	
6	8	2	1174		71	9	474101	20	SW	2	28.87	68	50	48		of	sn		10	
7	7	7	1251		69	3	478171	20	SW	2	28.87	68	50	48		of	sn		10	
8	7	7	1328		71	6	482171	20	SW	2	28.88	68	50	48		of	sn		10	
9	7	9	1408		72	-	486791	20	SW	2	28.88	68	50	48		of	cis		9	
10	8	-	1487		71	4	491074	20	SW	2	28.87	73	52	48		of	cis		8	
11	5	8	1545		52	8	494246	20	SW	2	28.87	72	54	48		oz	cis		6	
12	8	7	1632		54	2	499302	25	SSW	2	28.87	72	58	56		oz	cis		5	
P. M.																				
1	9	2	172	4	92	8	504870	var	SSW	2	28.87	67	76	74		cb	ci		7	
2						-			SWXS	2	28.87	68	63	61		bc	cis		8	
3									SWXS	2	28.88	70	62	60		bc	cis		9	
4									WXS	2	28.88	78	61	59		bc	scu		9	
5									SWXS	2	28.87	70	60	57		bc	acu		9	
6									SWXS	2	28.87	68	59	56		co	acu		10	
7									SW	2	28.87	73	56	55		co	acu		10	
8									SW	2	28.87	72	55	51		bc	as		8	
9									SWXS	1	28.87	70	51	57		bc	cicu		8	
10						-			SW	1	28.87	72	60	59		bc	cu		6	
11									SW	1	28.87	70	62	59		bc	cu		4	
12									WSW	1	28.87	70	66	63		bc	cu		3	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum A1 76 A2 75

Minimum 75 74

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 25.6 On hand 120.8

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 28 June 1918, 191

8:00 p.m. to 12:00 midnight.

Light breezes to light airs shifting from south west by sout h to south west.

Lieut. USNRF-1

Approved:

L. R. Rueter
Lieutenant Commander, NNV
Commanding Officer

Examined:

Lieutenant USNRF-1 Navigator.

4—2590

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 28 June 1918

REMARKS.

Commences and until 4:00 a.m.
Steaming in open order formation position 400 Yards off port quarter of USS ISLA DE LUZON courses 20° psc to 22° psc. 1:00 PLR 77.9, rev. 71.5 steam 200 lbs. 2:00 PLR 85.7 R.P.M. 72, steam 200 lbs. 2:30 a.m. fog settled. 3:00 PLR 93.7, rev. 70.5 steam 200 lbs. 4:00 PLR 101.4, rev. 71.3, steam 200 Average for watch rev. 71.4, steam 200 Miles made good 37.8. Barometer steady. Light air from southwest.

[illegible], USNRF-1 ess

4:a.m. to 8:00 a.m.
Steaming in open order formation 400 yards off port quarter of USS ISLA DE LUZON, bearing 3°, course varying from 20 to 22° psc. 5:00 a .m. PLR 109 R.P.M. 71.4, S.P. 200 lbs. 6;00 PLR 117.4 k, R.P.M. 71.9, S.P. 200 lbs. 7:00 a.m. PLR 125.1 k., R.P.M. 69.3, S.P. 200 8:00 a.m. PLR 132.8 k. R.P.M. 71.6 S.P. 180. For watch av. R.P.M. 71.2 Av. S.P. 200 lbs. Miles made good 37.7 Crew turned to at 5:30 carrying out morning orders. Light southwest breezes. Barometer steady. Light fog thickening at 5:00 a.m.

C. C. Crowell
Ensign, USNRF-4 ess

8:00 a.m. to Meridian
Steering a course of 22° psc PLR 8:00 a.m. 32.8 k. rev. 71.6, S.P. 180 Changed course to 20° psc at 8:12 a.m. At 9:00 a.m. PLR 40.7, rev. 72, steam 200 lbs. Fog cleared at 9:10 a.m., Fog set in again at 9:35 a.m. At 10;00 PLR 48.7 rev.71.4, steam 200 psc At 10:05 a.m. received signal by steam whistle to make speed 6 knots. Pt. Betsy 2 points abaft of starboard beam at 10:50. At 11:00 PLR 54.5, rev. 52.8 steam 200 lbs. Fog lifted at 11:00 Clear Horizon at 11:05 a.m. Changed course to 25° psc at 11:00 a.m. upon signal from flagship to make best of way to S. Manitou Harbor. PLR 55.4 Checked to half speed at 11:54 at 11:45 a.m. to let steamer and tow pass. Full speed at 11:54. At 12:00 noon PLR 63.2k. rev. 84.2, steam 195 Average rev. for the watch 70.4, av. steam 196.2. Magazines tested and found in normal condition. Wind SSw. Light air. Barometer steady.

Lieutenant, USNRF-1

Meridian to 4:00 p.m.
Steering course of 25° psc in open order formation. Course changed to 20° psc at 12:07 PLR 64.5 Abreast of S. Manitou light at 12:55. Patent log taken in at 12:55 reding 172.4 knots. 1:00 p.m. rev. 92.8, steam 174 lbs. USS HAWK anchored at 12:55 USS GOPHER at 1:02 USS ISLA DE LUZON at 1:14 USS YANTIC at 1:15 in S. Manitou harbor. Anchored in S. Manitou harbor at 1:09 with 45 fathoms of chain at the waters edge. Draft 13.9 ft. forward 15.10 aft. in 12 fathoms of water forward, 12 fathoms midship and 12 1/2 aft. Bearing taken to fix position on S. Manitou light 179° psc , on N. Manitou light 69° psc. Anchored 285 yards off USS ISLA DE LUZON starboard quarter, 309 yards off GOPHER port bow, 775 yards off USS YANTIC'S port bow Crew painting sides and gun deck, scrubbing foremast and carrying on general work in preparation for Saturday inspection. Barometer rising, light breeze from south southwest shifting to west by south from

Lieut, USNRF-1

4:00 p.m. to 6:00 p.m.
Crew carrying out work of painting sides, gun deck and overhauling boats, life buoys and magazines flood cocks tested and found in good working order. Received 4000 lbs. ice from A. B. Anderson. Redeived 150 lbs white-fish from B. Johnson. USS YANTIC shifted anchorage at 4:35 p.m. foremast now bearing 320° psc. 320 yards distant. J. Bell EM2c relieved from duty by order of Medical Officer. Light south southwest breeges. Barometer falling.

C. C. Crowell
Ensign , USNRF-4 ess

6:00 p.m. to 8:00 a.m.
Crew turned to at 6:15 and finished painting. Wind SW, light air. Barometer steady.

Lieut, USNRF-1

Approved: L. R. Russell
Lieut. Comdr. USNV
Commanding Officer

Examined: [illegible]
Lieutenant, USNRF-1
U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou, Mich. TO Muskegan, Mich. 29 June 1918 191

L.R.Rutter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WSW	3	28.87	71	64	61		bc	cis		4	
2									WXN	3	28.86	71	61	58		bc	cis		3	
3									NWN	3	28.86	73	61	58		bc	cis		3	
4									WNW	2	28.86	74	60	58		bc	cis		3	
5									NW	2	28.87	70	60	58		bc	ci		3	
6			5	6	72	5	510046	214	W	2	28.87	70	62	60		bc	ci		2	
7	7	7	133		72	7	514038		NW	2	28.87	70	56	53		bc	ci		2	
8	8	-	213		76	9	518655	198	SW	2	28.87	70	56	54		bc	ci		4	
9	9	1	304		78	3	523356	198	SW	2	28.87	70	56	54		bc	ci		4	
10	7	9	383		78	5	538068	198	SW	2	28.87	70	56	54		bc	ci		4	
11	7	1	46	-	76	9	552808	106	SW	2	28.87	70	56	54		bc	cu		5	
12	7	9	589		75	1	557312	197	SW	2	28.87	70	56	54		bc	cu		5	
P. M.																				
1	7	5	61	4	75	4	544876	185	SW	2	28.87	70	56	54		bc	cu		6	
2	7	9	69	3	77	4	546460	185	SW	2	28.87	72	57	58		bc	acu		7	
3	8	-	77	3	77	3	551100	185	SW	2	28.87	72	60	58		bc	acu		6	
4	8	2	85	5	77	-	555770	185	SW	2	28.87	72	61	59		bc	acu		6	
5	7	9	93	4	75	4	562912	185	SW	2	28.87	72	61	58		bc	acu		6	
6	8	-	101	4	76	3	564876	185	SW	1	28.87	76	61	58		bc	cicu		6	
7	7	9	109	3	74	3	569334	160	SW	1	28.87	76	61	59		bc	cicu		6	
8	2	8	118	1	78	3	578032	var.	SW	1	28.87	76	61	59		bc	ciu		7	
9									SW	1	28.87	76	61	59		bc	cicu		7	
10									SW	1	28.87	76	61	59		bc	cicu		7	
11									SE	1	28.87	76	61	59		bc	cicu		7	
12									SE	1	28.87	76	61	59		bc	cicu		7	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 76 A2 76

Minimum 74 74

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 13.4 / On hand 107.4

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
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(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. Essex ..... Date 29 June 1918 ....., 191

8:00 p.m. to Midnight (continued)
of starboard anchor chain at waters edge. Sounding forward 41 ft. aft 39 ft. Draft forward 13' 9", aft 15' 6". Muskegon light bearing 305° psc. Bank Pt Lt. 69° psc. Light southwest airs. Barometer steady.

C. C. Crandall
Ensign, USNRF-4

Approved:
L. R. Rumm
Lieutenant Commander, NNV
Commanding Officer

Examined:
G. H. Halsey Jr.
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 29 June 1918

REMARKS.

Commences and until 4:00 a.m.

Anchored in S. Manitou Harbor with USS GOPHER? YANTUC and HAWK/ S. Manitou light bearing 179° psc, N. Manitou light 699 psc USS YANT C foremast bearing 318 psc. Both boilers steaming. Gentle west southwest br breezes shifting to west northwest. Barometer steady.

C. C. Crawford Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.

Crew turned to at 4:15 a/m. getting ship secured for seal Underway at 5:00 a.m. S. Manitou light abeam at 5:15. PLR 0. flaf ship signal course magnetic 214° psc. at 5:27.A 6:00 a.m. PLR 5.6 k., rev. 75. steam 200 lbs. A, 7:00 a.m. PLR 13.3 k., rev.72.7, steam 200 lbs. At 7:16 a.m. 45° bearing of Pt Betsey PLR 15.6 k. Pt Betsey abeam at 7:43. PLR 18.6 Changed course to 194° magnetic at 7:43 a.m. At 8:00 a.m. PLr 21L3 rev. 76.9, steam 180 Av. rev for watch 74.1 steam 195 lbs. Winf NW, mlight breeze. Barometer steady.

G. H. Halsey
Lieut. USNRF-1

8:00 a.m. to Meridian.

Steaming course 194° magnetic in column formations 9:00 PLR 30/4 av. rev. 78.3, steam 200 lbs. Portage Lake abeam at 9:30 10:00 pLR 38.3 rev. 78 5, steam 195 lbs. Steered various courses at 10:35 PLR 42.6, going through different maneuvers which were signalled from the flag-ship. USS GOPHER. Captain held Saturday inspection. 11:00 PLR 46• rev. 78.9, steam 200 lbs. Manistee abeam at 11:00 Magazines inspected and found conditions normal. At 12:00 made coal and latitude and longitude report to the flag-ship. 12:00 PLR 53.9 rev. 75.1, steam 200 lbs Average for the watch reg. 78 steam 200 lbs. Miles made good 39.1. Barometer steady. Light breeze from south west.

G. H. Halsey
Lieut. USNRF-1

Meridian to 4:00 p.m.

Steaming course 192° psc in column formation, position 400 yards astern of USS GOPHER, flag-ship. Executed maneuvers as signalled from flag-ship from 12:30 p.m. to 3:00 p.m. Took bow and beam bearing on Big Sable light 1.9 miles distant when abeam at 12:50 p.m. PLR 60/2 k., rev 1:00 p.m. PLR 61.4 k., R.P.M. 75.4, S.P. 185 lbs. 2:00 p.m. PLR 69.3 k., R.P.M. 77.4, steam 200 lbs. 3:00 p.m. PLR 77.3 k., S.P. 200 lbs. Took 26 1/2 and 45° bearing on Big Sable light should be 2 miles distant when abeam 4:00 p.m. PLR 85.5 k., R.P.M. 77.8, S.P. 200 lbs. For watch av. R.P.M. 77, a S.P. 196. Miles made good 37.9. Light southwest breezes. Barometer steady.

C. C. Crawford Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

Steering course 185° psc PLR 85.4 k., rev 77, Changed course to 165° psc at 4:13 p.m. PLR 87.3 At 5:00 p.m. PLR 93.4 k., rev. 75.4, steam 200 lbs. Changed course at 5:13 to 162° psc. Bearing on whit river light 25° psc PLR 98.6, at 5:40 p.m. at 5:58, PLR 1.1 bearing 41° At 6:00 p.m. PLR 1.4, rev. 76.3, steam 200 lbs. Wind SW light air, Barometer steady.

G. H. Halsey
Lieut. USNRF-1

6:00 p.m. to 8:00 p.m.

Steaming course 162° psc abreast of white Lake light at 6:18 PLR 103.6 7:00 PLR 109.3 rev. 74.3, steam 200 lbs. Patent log taken in at 7:22 p.m. reading 112.1. Steamed various courses at 7:34 p.m. Muskegon Pier light abeam at 7:45 p.m. 8:00 rev. 78.3, steam 195 lbs. Average for watch, rev. 76, steam 195 lbs. Miles made good 12.8. 8:00 reports made and reported to Captain. Barometer steady. Light breeze from southwest.

G. H. Halsey
Lieut. USNRF-1

8:00 p.m. to Midnight.

Anchored in Muskegon Lake in column formation in the following order. USS GOPHEF 8:00 p.m. USS ESSEX 8:01, USS YANTIC 8:03 p.m., USS HAWK 8:04 USS GOPHER 340 yds. ahead. USS YANTIC 320 yds. astern. 30 fathoms of

Approved:
L. R. Rutter
Lieutenant Commander, NNV
Commanding Officer.

Examined:
G. H. Halsey
Lieutenant, USNRF-1
U. S. Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Muskegan, Mich. TO Chicago, Ill., 30 June 1918. 191

L. R. Rytter, Lieut. Comdr. NNV, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.
A. M.																			
1									E	1	28.81	71	66	63		bbcz	acu		9
2									E	2	28.85	70	64	62		bcz	n		7
3									ENE	3	28.85	71	64	62		bcl	acu		7
4									ENE	2	28.85	72	60	62		cr	n		8
5									SE	2	28.85	72	60	63		ocr	n		10
6	4	8	4	8	83	7	577224	217	SE	2	28.85	72	58	56		crz	n		10
7	8	3	13	1	76	2	581796	217	SE	1	28.86	72	58	56		crf	n		10
8	8	-	21	1	76	1	586360	216	E	1	28.86	72	58	56		ocr	n		10
9	8	3	29	4	76	1	590928	216	E	1	28.86	72	58	56		ocr	n		10
10	7	9	37	2	75	3	595450	216	SW	3	28.85	72	58	56		ocfr	n		10
11	7	7	44	9	74	-	599890	216	SWXW	3	28.85	72	58	56		ocfr	n		10
12	4	8	49	7	74	5	603410	217	SWXW	3	28.86	72	57	57		ocfr	n		10
P. M.																			
1	7	5	57	2	77	2	607945	217	WSW	3	28.86	72	54	53		ocfr	n		10
2	8	9	66	1	86	1	613110	217	SSW	1	28.86	74	57	56		cfr	scu		8
3	8	5	74	6	81	9	618025	217	WSW	3	28.86	76	58	56		bc	acu		8
4	7	7	82	3	72	9	622462	217	WSW	3	28.86	76	62	56		bc	acu		8
5	7	8	90	1	75	6	627038	217	WSW	4	28.86	76	62	60		bc	acu		8
6									WXN	4	28.86	77	62	59		bc	acu		9
7									WXN	4	28.86	77	61	59		bc	cu		8
8									WXN	4	28.86	78	60	58		bc	cu		9
9									WXN	4	28.86	75	60	51		bc	cu		8
10									WXN	4	28.87	75	58	55		bc	cu		8
11									W N	3	28.87	68	60	57		bc	as		9
12									WXN	3	28.87	70	60	57		bc	as		8

8a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum	A1 75	A2-74
Minimum	73	73

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... 19.8 On hand 87.5

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date ~~30 June 1918~~, 191

8:00 p.m. to 12:00 midnight.

Bearing taken on South Pier head light 166° North Pier head light 30° psd. Wind WXN. Light breeze. Barometer steady.

E. Mahaney

Lieut. (jg) USNRF-1

Approved:

L. R. Rueau
Lieutenant Commander, NNV
Commanding Officer

Examined:

G. Mahaney

Lieutenant (jg) USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 30 Jun 1918

REMARKS.

Commences and until 4:00 a.m.

Anchored in Muskegon Lake 30 fathoms of chain to waters edge. Boiler 1&2 steaming. Passing rain squall with thunder and lightning. At 1:50 a.m. over at 2:05 a.m. At 3:45 a.m. began to rain. Wind NNE, light breeze Barometer steady.

Lieutenant, USNRF-1

4:00 a.m. to 8:00 a.m.

Crew turned to 4:30 a.m. hoisting boats and getting ship ready for sea. Underway at 5:04 a.m. USS GOPHER 5:04, USS HAWK 5:06, USS YANTIC 5:06 . Steaming in column form, USS GOPHER acting as flagship. USS ESSEX, USS YANTIC and USS HAWK following in order named. Steamed various courses at 5:04 a.m. Draft of ship 13:9 forward, 15' 6" aft. Patent log out at 5:27 a.m. when abreast of Muskegon pierhead range light reading .1 k. 6:00 PLR 4.8 k. rev. 83.4, steam 200 lbs. 6:55 a.m. time and uniform signal hoisted on the falgship. Down at 7:00 a.m. 7:00 PLR 13.., rev. 76.2, steam 200 lbs. 8:00 PLR 21.1, rev. 76.1, steam 200 lbs. Average for watch rev. 78.2, steam 200 lbs/ Miles made good 25.2 Raining throughout watch.

Lieutenant, USNRF-1

8:00 a.m. to Meridian.

Steaming in open order formation, course varying between 215° and 220 psc. Position 400 yards off starboard quarter of USS GOPHER. Crew engaged incarrying ou morning orders, overhauling boats, cleaning decks etc. Magazines inspectee and conditions found normal. Stopped raining at 8:05 a.m. 9:00 a.m. PLR 29.4 k. R.P.M. 77.8, S.P. 200 lbs. 10:00 a.m. PLR 37.2 R.P.M. 85.3, S.P. 200 lbs. Fog setin at 10:35. Started raining at 10:52 11:00 PLR 44.9 k., R.P.M. 74, S.P. 200 lbs. Obtained permission to repair engines and dropped out of formation and stopped engines at 11:46 a.m. PLR 49.& k. 12:00 PLR 49.7 k. R.P M. 74.5, S.P. 200 lbs. For watch av. R.P.M. 75.4, S.P. 200 lbs. Miles made good 59.6. Light east airs shifting and increasing to gentle west southwest breezes. Barometer steady.

C. C. Crowe Jr.
Ensign. USNRF 4 cec

Meridian to 4:00 p.m.

Engines stopped. Delay caused by H.P. valve loosened on the shaft due to faulty set screws. This sheare tightened temporarily. Underway at 12:02 p.m. Course 217° psc.PLR 49.7, rev. 74.5, steam 200 lbs. At 12:25 heavy rain set in. At 1:05 plr 57.2, rev. 77.2, steam 200 lbs. At 1:10 fog began to lift. At 1:20 began steaming various courses to get in position. At 1:25 stopped raining . At 2:00 PLR 66.1 k. rev. 86.1 Steam 200 lbs. At 2:10, heavy fog set in. At 2:11 fog lifted. At 2:34 p.m. in position abeam of GOPHER 200 yards on port quarter. At 3:00 p.m. PLR 74.6, rev. 81.9, steam 190 lbs. At 3:25 signal from flag ship to form column. At 4:00 p.m. PLR 82.3 rev. 72.9, steam 200 lbs. Average for the w watch rev. 79.8 steam 197 lbs. Miles made good for the watch 39.12 Wind WSW, light breeze. Barometer steady.

Lieut, USNRF-1

4:00 p.m. to 6:00 p.m.

Steering course 217° psc in column formation. 5:00 pLR 90.1 rev. 75.6 steam 200 lbs, 5:07 p.m. Patent log taken in reading 91.1. Steaming various courses at 5:15, standing in Chicago Harbor. USSS GOPHER docked at Municipal Pier at 5:36. Anchored at 5:46 in 3 1/4 fathoms of water with 35 fathoms of chain at the waters edge. Draft 13' 9" forward 15' 6" aft. Average for watch 67.8, steam 200 Miles made good 10.5. Bearing taken to fix position, S. Breakwater light 166° E. Breakwater light 30° psc. USS YANTIC docked at the I.C. dock at 5:48 Light air to gentle breeze from southwest, shifting to west by north. E.S.Sarvene

Lieut, USNRF-1

6:00 p.m. to 8:00 p.m.

Liberty party ashore at 6:00 p.m. Lindner, J.M. flc reported on board from leave at 7:00 p.m. Wind WNW light breeze. Barometer steady.

Lieut, USNRF-1

Approved:

L. R. Rueu
Lieutenant Commander, NNV
Commanding Officer

Examined:

Lieutenant, USNRF-1 U.S.N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., 191

....., ..., *U. S. Navy, Commanding.*

HOUR.	KNOTS.	TENTHS.	PATENT LOG.	TENTHS.	AVERAGE REVS.	TENTHS.	ENGINE COUNTER.	COURSE.	WIND. DIRECTION.	WIND. FORCE.	BAROMETER. HEIGHT IN INCHES.	BAROMETER. THER. AT.	TEMPERATURE. AIR DRY BULB.	TEMPERATURE. AIR WET BULB.	TEMPERATURE. WATER AT SURFACE.	WEATHER BY SYMBOLS.	CLOUDS. FORM.	CLOUDS. MOVING FROM.	CLOUDS. AMOUNT.	SEA.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current. Set	
Current. Drift	

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass	
S. H.	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

(This page to be sent to Bureau of Navigation monthly.)

4—2599

N. Eq. 20.

AUG 15 1918

LOG BOOK

OF THE

U. S. S. ESSEX

Rate,

COMMANDED BY

Lynn R. RUTTER, Lieutenant Commander, USNR, U. S. Navy,

Attached to { Division, / Squadron, / Great Lakes Fleet,

Commencing July 1st., 1918,

at Chicago, Illinois.,

and ending July 31st., 1918,

at Macinac Island, Mich.

1915.

4—2509

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by Lynn R. Rutter, Lieut Comdr., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 July, 1918, to 31 July, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
L.R. Rutter,	Lieut. Comdr.	3-17-18		
J.M. Bowér,	Lieut.	3-16-18		
G.L. Holsinger,	Lieut. (jg)	5-22-18		
C.E. Crone,	Ensign,	4-2-18		
E.S. Sarvene,	Ensign,	4-2-18	7-3-18	
J.S. Newberry,	Ensign	5-15-18	7-3-18	
C.B. Hatch,	Lieut.	6-24-18	7-1-18	
A.A. Haines,	Lieut. (jg)	7-1-18	7-22-18	
E.R. Sanders,	Ensign	3-20-18		
G.W. Wood	P.A. Surgeon	3-22-18		
R.E. Wright	Asst. Paymaster	4-14-18		
Krause, J.P.	Carpenter (T)	10-15-17		

Examined and found to be correct.

L.R. Rutter

G.L. Holsinger

Lieutenant (jg), USNRF-1

Navigator.

4—2669

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, 1 Jul to 31 July 18, 191

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	1
3	Boatswain's Mates, first class	
2	Boatswain's Mates, second class	4
6	Coxswains	3
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	2
	Gunner's Mates, second class	
2	Gunner's Mates, third class	1
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	
1	Chief Quartermaster (Signals)	1
2	Quartermaster, first class	
2	Quartermaster, second class	
2	Quartermaster, third class	2
50	Seamen	16
75	Ordinary Seamen	30
	Apprentice Seamen	
	Total	61
	APPRENTICE BRANCH. General	
1	Chief Electrician	1
1	Electricians, first class	1
1	Electricians, second class	2
2	Electricians, third class	1
1	Chief Electrician (Radio)	1
1	Electricians, first class (Radio)	1
1	Electricians, second class (Radio)	1
1	Electricians, third class (Radio)	2
1	Chief Carpenter's Mate	1
1	Carpenter's Mates, first class	1
	Carpenter's Mates, second class	2
1	Carpenter's Mates, third class	1
1	Shipwrights	1
1	Shipfitters, first class	3
	Shipfitters, second class	1
	Blacksmiths	1
1	Plumbers and Fitters	
1	Sailmaker's Mates	
	Printers	
	Painters, first class	
	Painters, second class	1
	Painters, third class	1
	Total	
	APPRENTICE BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	3
3	Machinist's Mates, first class	3
3	Machinist's Mates, second class	2
1	Chief Water Tenders	1
2	Water Tenders	2
1	Boiler Maker	1
	Blacksmiths	
1	Coppersmiths	1
3	Oilers	1
6	Firemen, first class	10
6	Firemen, second class	5
6	Coal Passers	4
	Total	
	SPECIAL BRANCH.	
4	Chief Yeoman: Commanding Officer; Equipment Department; Pay Department; Engineer Department; Executive Officer	2
5	Yeoman, first class: Commanding Officer; Equipment Department; Executive Officer; Pay Department; Engineer Department; Ship's Store	1
2	Yeoman, second class: Commanding Officer; Ordnance Officer; Executive Officer; Navigator	3

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—cont.: Pay Department; Engineer Department; Ship's Store	
	Yeoman, third class: Commanding Officer; Equipment Department; Pay Department; Ship's Store; Engineer Department; Navigator; Executive Officer	1 –
1	~~Hospital Apprentice~~ Chief PhM	
2	Hospital Apprentices 2nd class	
2	Buglers	1
3	~~Hospital~~ PhM3c	3
1	First Musician	
	Musician, first class	
	Musicians, second class	
	Total	
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	
	Commissary Steward	1
1	Ship's Cooks, first class	2
1	Ship's Cooks, second class	1
1	Ship's Cooks, third class	
2	Ship's Cooks, fourth class	3
1	Bakers, first class	1
	Bakers, second class	
	Total	
	MESSMEN BRANCH.	
1	Cabin Steward	1
1	Cabin Cook	2
1	Mess Attendant	1
1	Wardroom Steward	
1	Wardroom Cook	1
4	Mess Attendants	4
1	Mess Attendants (Laundry)	1
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total	
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxswain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendant	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

Examined and found to be correct.

L. R. Purcell

G. Watkins

Lieutenant, (jg) USNRF

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ESSEX

MAIN BATTERY.

GUNS.					REMARKS.	SHIP AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.		No.	Type.	Mark and Modifications.	
4	3-pdr	50	X	X		6		IX	
2	3-pdr	50	X	X Mod I					

SECONDARY BATTERY.

GUNS.			REMARKS.	SHIP, BOAT, AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Mark and Modifications.		No.	Type.	Mark and Modifications.	

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	REMARKS.
40	Spr.	30		1903	
40	Krag	30		1898	
4	Colt	38	pistol		

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

E. H. Adamson

Lieutenant, (jg) USNRF-1 *Navigator.*

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. ..... ON BOARD THE U. S. S. .....

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	H.J. Green Brooklyn, N.Y.	1574	Cabin			Unknown
ANEROID BAROMETER.	G. Falconer & Co. Hong Kong, China.	None	Chart house	None	None.	Unknown
THERMOMETER (Dry Bulb).	None					
THERMOMETER (Wet Bulb). (Psychrometer.)	None					

Examined and found to be correct.

E. H. Hakenson

Lieutenant (jg), USNRF-1

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. ON BOARD THE

U. S. S.

Observation						
Head by Compass	Deviation	Variation	Deviation	Variation	Deviation	Variation

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

Instrument	Maker.	Number.	Location.	Date of last Comparison.	Standard Noted.	Correction.
Mercurial Barometer.	H. J. Green Brooklyn, N.Y.	1874				Unknown
Aneroid Barometer.	G. Falconer & Co. Hong Kong, China.	None	Chart house	None	None.	Unknown
Thermometer (Dry Bulb)	None					
Thermometer (Wet Bulb) (Psychrometer)	None					

Lieutenant (j.), U.S.N.

Page ....

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago, Ill TO ....., 1 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2 *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	2	28.87	70	56	53		bc	ci		2	
2									W	1	28.87	70	56	53		bc	ci		2	
3									WXS	1	28.87	68	55	52		b				
4									WXS	1	28.87	57	55	52		b				
5									WXN	2	28.86	57	55	52		bcz	cis		3	
6									W	2	28.86	67	56	54		bcz	cis		3	
7									W	2	28.86	67	56	54		bcz	cis		3	
8									WNW	2	28.87	70	60	57		bc	ciuc		3	
9									WNW	3	28.87	74	62	59		bc	cicu		4	
10									WNWN	4	28.87	74	64	60		bc	cicu		4	
11									WNW	5	28.87	74	64	61		bc	cicu		4	
12									WNW	4	28.87	74	65	62		bc	cicu		7	

S. a. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
Sp. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

Magazine Temperatures:
Maximum A1 74 A2 73
Minimum 73 71

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	
	Expended	
	On hand	
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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6		
7		
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9		

P. M.																				
1									NWXN	3	28.87	74	65	62		bc	cu		6	
2									N	3	28.87	74	65	62		bc	cu		7	
3									NE	3	28 87	74	65	62		bc	cu		7	
4									E	2	28.87	73	65	62		bc	cu		6	
5									SE	1	28.87	69	62	59		bc	cu		5	
6									SXE	1	28.87	68	62	59		bc	cu		5	
7									SXE	1	28.87	67	64	61		bc	cu		5	
8									SXE	1	28.87	67	63	60		bc	cu		4	
9									SXE	1	28.87	67	64	62		bc	cis		5	
10									SX	1	28.87	67	64	62		bc	cis		4	
11									SXE	1	28.87	67	64	62		bc	cis		4	
12									SXE	1	28.87	67	64	62		bc	cis		4	

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UNITED STATES SHIP ESSEX 1 July 1918

REMARKS.

Commences and until 4:00 a.m.
Barometer steady. Light breeze to light air shifting from west to west by south.

Lieut. (jg) USNRF-1

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a m. carrying out morning orders, preparing ship for coaling. Liberty party returned aboard by 8:00 a.m. No absentees. Light west by north and west breezes. Barometer steady.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian
Supernumeries scrubbing hammocks, clews and lashings. Jennings, J.H. Cab-ck/ USNRF-4 absent 6 days, returned aboard and confined in brig. Magazines tested and found to be in normal condition. Wind WNW, light breeze, Barometer steady.

Lieut, (jg) USNRF-1

Meridian to 4:00 p.m.
Crew engaged ingeneral field day. Received two bbls. corn and 4 crates oranges from S. Houston & Son. Redeived 200 lbs. hamburger from O.F. Myeyr & Bros. Received 153 lbs. Pork from Maher and Co. Received 2000 lbs. ice from Consumers Ice Co. J.R. Norbeck, bsmth2c, USN left ship on 5 days leave of absence, expiring 8:00 a.m. July 5th. USS HAWK left coalldock and anchored at 2:15 p.m. Foremast bearing 166° psc. Gentle northwest by north breeze shifting to light breeze. Barometers steady.

Ensign, USNRF-4 cec

4:00 p.m. to 8:00 P.m.
A. J. Haines, Lieut. (jg) USNRF-4 reported for duty. Stores received at 6:00 p.m. From Cohen and Co. 3000 lbs. potatos. From Burkhalter Heath food Co. 1200 lbs. bread. From North Shore Produce Co. 4 tubs butter, 115 1 lbs. carrots, 6 cases eggs, From Armour & Co. 665 lbs. Beef. From Morris & Co. 100 lbs. liver, 150 lbs. pork, 200 lbs. hamburger, From S. Houston & Son, 300 lbs oranges 152 lbs. chicken, From Crane & Co/ 1 bag ship fittings. Liberty party shoved off at 5:45 p.m. Wind SXE, light air. Barometer steady.

Lieut. (jg) USNRF-1

8:00 p.m. to Midnight.
Frank Walsh, CBM left ship at 9:00 on 4 days leave of absence expiting July 5, 1918. Barometer steady. Light air from south vby east to calm.

Lieut. (jg) USNRF-1

Approved:
L. A. Lucas
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
Lieut. (jg) USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP USSEX

AT OR EN ROUTE FROM Chicago, Ill. TO Great Lakes, , 2 July, 1918, 191

Lieut. Comdr. L.R. Rutter, RF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WS	1	28.87	69	65	62		bc	cis		3	
2									WXS	1	28.88	74	64	61		bc	cis		3	
3									WXS	1	28.88	72	63	60		bc	cis		3	
4									SW	1	28.88	74	63	60		bc	cis		4	
5									SW	1	28.88	70	62	60		bc	cis		4	
6									SW	1	28.88	70	62	60		bc	cis		4	
7									SW	1	28.88	70	62	60		bc	cis		4	
8									SW	1	28.88	70	64	60		bcz	scu		6	
9									NW	1	28.88	70	65	62		ocz	as		10	
10			4	12	72	7	634320	348	EXN	1	28.90	70	66	65		ocz	scu		9	
11	8	2	12	4	78	2	6390	12322	E	2	28.90	68	65	64		bcz	scu		7	
12	7	9	20	3	70	1	643692	322	ESE	1	28.90	68	70	64		bcz	ci		3	
P. M.																				
1									SSE	2	28.89	67	65	63		bc	ci		3	
2									SSE	2	28.89	66	64	61		bc	ci		3	
3									SEXE	2	28.89	69	62	59		bc	ciau		5	
4									W	2	28.90	67	76	72		bc	ciau		5	
5									WXS	1	28.90	75	80	77		bc	cis		4	
6									WSW	1	28.90	79	80	77		bc	cis		4	
7	6	1	6	1	88	3	651964	148	SW	2	28.90	79	75	72		bc	cis		3	
8	9	8	15	9	97	9	657838	175	SW	2	28.90	75	68	65		bc	cis		2	
9	8	6	24	5	98	5	663750	var	SW	2	28.70	75	68	65		bc	cis		2	
10					35	-	664814		WXS	2	28.71	74	68	65		bc	cis		4	
11									W	2	28.71	74	68	65		bc	cis		4	
12									W	2	28.70	74	68	65		bc	cis		4	

8 a. m. Latitude .....
Longitude .....

Noon. Latitude .....
Longitude .....

3 p. m. Latitude .....
Longitude .....

Current: Set .....
Drift .....

MAGAZINE TEMPERATURES:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal: Received .....
Expended .....
On hand .....

Fuel oil: Received .....
Expended .....
On hand .....

Water: Distilled .....
Received .....
Expended .....
On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 2 July, 1918, 191

Meridian to 4:00 p.m. (continued)
Received the following men from the Station for training:
Men from the Gunners Mate's School:

Adams, H.E.	Daly, J.J.	George, E.A.	Jones, E.W.	Murry, J.G.
Airey, J.J.	Dodd, M.V.	Grennfield, W.	Johnson, E.E.	McGuire, W.F.
Alport, I.	Doskocil, W.G.	Hylander, S.E.	Jordan, W.T.	Nelson, R.H.
Block, K.C.	Edgar, H.	Horak, F.J.	Kountz, C.F.	Page, W.H.
Boardman, R.	Edwards, D.E.	Herz, L.A.	Kranichfield, A.	Patterson, G.R.
Breckenrid, J.A.	Evans, W.F.	Hassett, H.P.	Laski, W.F.	Perry, A.H.
Bridgewater, A.T.	Ewald, W.J.	Hassett, C.F.	laws, M.	Phillips, F.T.
Brownell, W.D.	Fennell, F.	Ians, H.R.	Minnick, D.S.	Pine, A.
Buchbinder, W.F.	Flaherty, J.T.	Jastram, N.D	Mills, C.F.	Svendsen, S.A.

Men received from the Coxswain's School:

Thompson, M.L.	Maher, W.J.	Guemmer, P.A.	Hammond, L.B.
Hauer, G.	Miller, C.H.	Huber, J.F.	Hamly, P.H.
Huffine, G.K.	Moog, G.H.	Hall, W.H.	Hennesey, J.R.
Harper, L.L.	McDanniel, H.S.	Hamel, P.J.	Hane, S.L.
Hartigan, N.J.	Hartman, J.J.	Keefe, J.A.	Jenkins, E.L.
Hilligas, J.F.	Austin, G.		Meinser, J.F.
Hilligas, H.F.	Ash, R.	Quartermasters:	MillerM.R.
Hutchinson, W.	Baird, R.	Ladd, S.B.	Pharris, J.L.
Huxtable, G.F.	Bonsall, C.C.	Marsh, W.J.	Scheuenmann, H.E.
Johnson, E.S.	Bortman, M. Cavis, C.C.	Moynahan, H.J.	Walsh, R.
Jones, R.G.	Danner, B.D.	Peterson, E'O.	Williams, J.
Jardet, O.E.	Deckard, E.H.	Smith, H.A.	Foster, E.E.
Koscielnak, J.	Doyle, T.	Walters, O.C.	Albert, L.R.
Kaufman, W.	Dulak, E.J.	Albertson, E.G.	Andrews, F.J.
Keating, R.S.	Ellis, W.D.	Bowsher, N.R.	Bagley, J.R.
Keller, G.C.	Engelland, J.N.	Bruesh, A.E.	Benson, W.M.
Kelly, J.J.	Erickson, C.S.	Court, L.A.	Beyer, G.H.
Lacy, M.C.	Fassbender, L.J.	Craig, E.C.	Bradford, W.J.
Lavin, B.J.	Frank/ L.A.	Durkin, M.B.	Campbell, W.
Lonergan, J.	Frese, H.H.	Godfrey, T.J.	Daly, J.N.
		Fuche, W.R.	Franks, J.
		Gillie, W.E.	Gurley, H.E.
		Hartigan, J.F.	Hogerty, D.
		Harris, M.M.	Hurley, R.A.

Freiberg, N., Oil. RF-4 reported from 10 days leave of absence. Flow, H.H., Swain, E.E. and Rutter R.L. Left the ship on 3 days leave of absence expiring noon 5th July, 1918. Kelly, E.J., Y2c, USN detached at 2:30. Wind, SSe to W. Light air. Barometer steady.

G.D. Halsinger
Lieut. (jg) USNRF-1

4:00 p.m. to 6:00 p.m.
Received from the G.S.K. Dept. Great Lakes, 100 cans bright work polish, 3 carbon plates, 500 forms printed matter, also received wardroom supplies; 8 spoon oars. Secured ship for sea, at 5:50. Barometer steady. Light breezes from West shifting to west south west.

G.D. Halsinger
Lieut. (jg) USNRF-1

6:00 to 8:00 p.m.
U.S.S. YANTIC weighed anchor and sttod out ins a northerly direction at 6:00 p.m. Weighed anchor and got underway at 6:10 p.m. Draft forward, 13' 8", aft 15' 9" Steamed full speed aon course 135° psc. PL put out at 5:15 reading 0. Changed course to 148° psc. at 6:20 p.m. PLR .3 k. Took bow and beam bearing of Ft. Sheridan Tower, 2.9 mi. distant when abeam at 6:42 p.m. 7:00 p.m. PLR 6.1 k. R.P.M.88.3 S.P. 200 lbs. Took bow and beam and quarter bearing on Winnetka Stand Pipe, 3.5 mi. distant when abeam at 7:23. Took 26 1/4, 45° and 90° bearing on Gross Pt Light, 2.9 mi. distant when abeam. at 7:45 p /M/ Changed course to 175° psc. at 7:59 p.m. 8:00 p.m. PLR 15.9 R.P.M. 97.9, S.P. 200 lbs. For watch Av. R.P.M. 93.1, av. S.P. 200 lbs. Miles made good 18.1 Light southeast breezes. Barometer steady.

C.C. Crone Jr.
Ensign, USNRF-4 cec

Approved:
L.R. Rueu
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
G.D. Halsinger
Lieutenant, (jg) USNRF-1
U. S. Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 2 July 1918, 191

8:00 p.m. to Midnight.
Steering a course 175° psc. PLR 15.9 knots. Rev. 97.9 steam 200 lbs. Wilson Ave. Crib abeam at 8:30 Finished taking on water at 8:26 p.m. Changed course to 195° psc. at 8:58 p.m. Steering various courses in harbor Captain conning. Stopped at 9:05 Lowered boats on port side getting ship ready for coaling. Moored at the dock at 9:35 p.m. Average Rev. from 8 to 9:35 61.7, steam 200 lbs. Draft forward 13' 7", aft 15' 6" Wind W, light air. Barometer steady.

Lieut. (jg) USNRF-1

Approved:

L.R. Rueter
Lieut. Comdr., USNRF-2
Commanding Officer.

Examined:

Lieutenant (jg) USNRF-1 *U. S. N., Navigator.*

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ADDITIONAL SHEET.

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 2 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicagohharbor, 35 fathoms of chain at the waters edge. 3 1/2 fathoms of water. Boilers 1 & 2 steaming. Wind WXS, light air. Barometer steady.

Lieut, (jg) USNRF-1

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 following out morning orders, scrubbing both spar and gun deck, sand and canvassing paint work, hoisting boats and securing ship for sea. Liberty party returned at 7:00 a.m. No absentees. Barometer steady. Light airs from south-west.

Lieut. (JG) USNRF-1

8:00 a.m. to Meridian.
At 8:20 a/m. USS GOPHER got underway and moved alongside coal dock. 8:50 requested permission to get underway. Underway in company with YANTIC at 9:02. Draft 13' 8" forward, 15' 7" aft. PL out at 9:35 reading 0. 9:44 Carter Harrison abeam, distance .42 mi. Course 348° psc. 10:25 red spit abeam. 10;51 course 322° psc. Rain squalls until 10:00. Clear after. Light breezes NW shifting to ESE. Barometer steady.

Lieut. (jg) USNRF-1

Meridian to 4:00 p.m.
At 12:00 noon PLR 20.3 k. rev. 78. Steam 200 lbs. At 12:15 p.m. bearing of 90° on Ft. Sheridan Tower. PLR 22.5. At 12:34 bearing of 45° plr 24.9 At 12:35 p.m. PLR 26. Hauled in. Anchored at 12:56, distance 430 yds. Draft forward 13' 7" aft 15' 6". At 1:00 p.m. first draft of Supernumeries set ashore from the Coxswains School:

Doyle, J.J.	Freeman, J.B.	Reynolds, J.E.	Johnson, J.G.
Wohlge muth, C.J.	Hanning, O.E.	Scovell, V.F.	Johnson, E.
Williamson, D.F.	Jolly, P.G.	Stuart, W.U.	Jacobsen, J.M.
Wescot, R.F.	Kuklinski, T.P.	McCollum, E.L.	Kobb, D.V.
Woltemade, W.	Kelley, G.B.	Bergren, C.R.	Kellogg, B.F.
Wegele, H.J.	Overton, L.R.	Patterson, H.F.	Kelley, T.J.
Witmer, H.C.	Poggemiller, C.R.	Custer, T.M.	Launt, A.S.
O'Brien, M.J.	Pallock, T.L.	Housiaux, J.B.	Lindeman, G.F.
Ahearn, E.C.	Peterson, H.E.	Hendry, C.R.	Lyons, J.J.
Boyle, A.L.	Robinson, D.J.	Hunter, B.C.	Mueller, C.
Bell, J.G.	Ratzlaff, H.J.	Oberg, R.H.	McIntosh, J.P.
			Wright. L.L.

Men from the Quartermasters School.

Bennett, D.B.	Falconer, W.B.	Lackey, OA	McCormak, W.D.	Scahill, A.F.
Blakeley, R.A.	Hanberry, J.L.	Lahr, W.A.	Morehead, V.A.	Vesperman, F.W.
Breen, W.A.	Hite, H.W.	Miller, W.S.	Nedom, A.	Welter, E.H.
Browne, W.H.	Kossow, J.E.	Mock, M.F.	Nolan, J.	Wharton, L.S.
Claypool N.H.	Krueger, A.C.	Morgan, D.W.	Putnam, L.C.	Whitaker, D.R.
Conn, L.B.	Kleiber, C.A.	Umaw, L.W.	Robinson, F.A.	Wenhardt, C.W.
Dean, J.H.	Knudson, S.A.	Master, M.W.	Routsong, R.A.	Young, F.R.
Dubbs, R.	Lee, W.W.	McCarty, A.W.		Tennant, C.L.

Men from the Gunners Mates School. K. Lewis in charge:

Adams, M.G.	Cohler, E.	Donovan, D.J.	Jamrosy, W.J.
Ankeny, R.J.	Coy, D.L.	Dunn, J.L.	Johnson, R.I.
Atcjinson, F.	Crookshank, J.C.	Eagan, G.F.	Keeley, R.M.
Atkisson, L.D.	Cupp, C.O.	Frimml, W.J.	Keesey, J.M.
Barnes, J.M.	DeFranco, M.	Gates, T.F.	Kersting, E.A.
Brooks, W.F.	DeNormandie, G.J.	Girard, D.D.	Kersting, F.M.
Brwon, M.M.	Errsome, H.R.	Heany, J.J.	Kildow, C.W.
Bykowski, H.B.	Desplage, H.H.	Hendrix, A.A.	Kiser, C.W.
Bykowski, J.P.	Dickey, G.D.	Hoffmeyer, F.	Klaeser, C.J.
Chingren, C.	Devlin, C.J.	Hughes, J.I.	Lange, D.F.
Clements, J.A.	Donnelly, G.	Hunt, E.M.	Langworth, O.F.

Approved:

L. R. Lurton
Lieutenant, Commander, USNRF-2
Commanding Officer.

Examined:

Lieutenant, (jg) USNRF-1
Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO _____ 3 July, 1918. 191

L.R. Rutter, Lieut. Comdr. USNRF in U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Thermometer.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A.M.																				
1									W	1	28.90	76	72	70		bc	cis		4	
2									W	1	28.90	76	72	70		bc	cis		4	
3									W	1	28.90	76	72	70		bc	cis		3	
4									W	1	28.90	76	70	68		bc	cis		3	
5									W	1	28.90	73	70	68		bcf	cis		5	
6									W	1	28.90	75	72	70		bcg	cis		5	
7									W	1	28.90	73	74	72		bcz	cis		4	
8									WNNW	1	28.90	73	74	72		bcz	cis		4	
9									NXW	1	28.90	76	72	70		bcz	cis		6	
10									NXW	1	28.91	77	64	57		bcz	scu		10	
11									N W	1	28.92	71	69	67		czo	scu		10	
12									N XW	1	28.92	76	69	67		czo	scu		10	
P.M.																				
1									NW	1	28.92	72	72	68		coz	scu		10	
2									NW	1	28.92	72	70	68		vox	sx		10	
3									NE	1	28.91	72	55	64		coz	as		10	
4									NEXE	1	28.91	70	65	63		coz	as		10	
5									NEXE	1	28.91	70	65	63		coz	as		10	
6									NEXE	1	28.91	70	65	63		coz	as		10	
7									SXE	1	28.91	70	65	63		coz	as		9	
8										-	28.91	74	70	63		coz	as		9	
9										-	28.91	74	70	68		coz	as		10	
10									SXE	1	28.91	74	68	66		coz	cis		5	
11									SXE	1	28.91	74	66	64		bc	cis		5	
12									SXE	1	28.91	72	66	64		bc	cis		5	

a.m. Latitude _____
Longitude _____

Noon. Latitude _____
Longitude _____

p.m. Latitude _____
Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum A1 76 A2 76
Minimum n 75 75

Compass. _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received 120.
Expended 10.1
On hand 158.8

Fuel oil. { Received _____
Expended _____
On hand _____

Water. { Distilled _____
Received _____
Expended _____
On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 3 July 1918

REMARKS.

Commsences and until 4:00 a.m.
Moored at Pittsburg Coal Co. dock. Baormeter steady. Light airs from west to calm. Both boilers steaming.

G.D. Halsey
Lieut. (jg) USNRF-1

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:15 a.m. carrying out morning orders, preparing ship for coaling. Worked ship around dock at5:40 a'm. Ship secured to dock at 5:55 a.m. Draft forward 13' 5", aft 15' 6" Took on 120 tons coal from the Pitsburg Coal Co. and got underway at 8:55 a.m. for anchorage, in Chicago Harbor. Draft forward 14' 5" aft 15' 11" Light air from west. Barometer steady.

C.E. Crane Jr.
Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
Crew turned to cleaning ship. Made inspection of magazines and found them to be in normal condition. Lieut. C.B. Hatch, USNRF-1 detached this date Wind NXW, light airs. Barometer steady. Boiler "A" cut out at 10:00 a.m.

G.D. Halsey
Lieut. (jg) USNRF-1

Meridian to 4:00 p.m.
Ensign E.S. Sarvene, USNRF-4 and Ensign, J.S. Newberry, USNRF-4 detached from ship this date by verbal order of Commandant, 9th, 10th and 11th Naval Dists. Received on board 265 lbs beef haarts, from Morris and CO. L.W. Arnold, CMM, USNRF-1, transfered to Cleveland Ohio.

B.A. Sneep
Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 p.m.
U.S.S. GOPHER stood in and moored offoMunicipal Pier, at 5:15 Crew knocked off work at 4:30 p.m. Light northeast airs. Barometer steady.

C.E. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Liberty party shoved off at 5:00 .m. and 7:00 p.m. Light south by east airs and calm. Barometer steady.

C.E. Crane Jr.
Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
Calm to south by east light airs. Barometer steady. Water expended for 24 hours. 352 gal. on hand, 2512. Liberty party returned. No absentees.

J.P. Krause
Carpenter(T) USN

Approved:
L.R. Latimer
Lieutenant COMMANDIER, USNRF-2
Commanding Officer.

Examined:
G.D. Halsey
Lieutenant, (jg) USNRF-1
U.S.N.R.F. Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO , 4 July 1918, 191

L.R. Rutter, Lieut. Comdr/ USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.									S	1	28.91	73	71	69		bvz	cis		4	
1									S	1	28.91	73	71	69		bcz	cis		4	
2									S	2	28.90	74	72	70		bcz	cis		5	
3									SW	2	28.90	74	74	72		bcz	n		4	
4									SWXS	1	28.91	74	72	70		cz	cicu		5	
5									SWXS	1	28.90	77	72	70		cz	cicu		8	
6									SWXS	1	28.92	78	72	70		cz	cicu		8	
7									SWS	1	28.92	72	76	74		cz	cicu		8	
8									SWXS	1	28.92	82	75	72		cz	cis		8	
9									SW	1	28.92	82	75	79		cz	cis		8	
10									SW	1	28.92	82	72	79		bc	cis		7	
11									SW	1	28.92	82	82	79		bc	cis		7	
12																				
P. M.																				
1									SW	2	28.96	80	82	80		bc	cis		6	
2									SW	2	28.98	80	82	80		bc	cis		7	
3									SW	2	28.98	80	82	80		bc	cis		8	
4									SW	3	28.99	80	80	80		bc	cis		7	
5									SW	3	28.99	80	80	78		bc	cis		7	
6									SW	2	28.99	80	78	76		bc	cis		7	
7									SW	2	28.99	80	78	76		bc	cis		7	
8									SW	2	28.99	80	77	73		bc	cis		7	
9									SSW	1	28.99	80	77	75		bc	cis		7	
10									SSW	1	28.99	83	80	75		c	cis		8	
11									SSW	1	28.99	81	79	77		bc	cis		7	
12									SSW	1	28.99	80	78	76		bc	cis		6	

Noon. Latitude	
Noon. Longitude	
S. M. Latitude	
S. M. Longitude	
Sp. M. Latitude	
Sp. M. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:
Maximum A1 77 A2 77
Minimum 75 75

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel Oil. Received	
Fuel Oil. Expended	
Fuel Oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 4 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor in 3 1/4 farhoms of water with 25 gathoms of starboard anchor chain at water edge. South Breakwater lt. bearing 180° psc. No. Breakwater lt. 67° psc. Boiler "B" steaming for auxiliary purposes. Light south air shifting to light southwest breeze. Barometer steady.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
All hands turned to at 5:30 a:m. painting hull, boat booms and carrying out morning orders. Preparing to dress ship. 8:00 a.m. ship full dressed in regulation manner. 8:00 a.m. liberty party aboard with no absentees.

J.P. Krause
Carpenter, (T) USN

8:00 aa'm. to meridian.
Crew engaged in cleaning ship. Supernumeries given instruction in boats under oars. Received 75 gal. gasolene from Standard Oil Co. Lit off Boiler "B" at 10:30 a.m. Fired 21 gun salute in accordance with regulations at Meridian. Quarters held at 11:00 a.m. Liberty party shoved off at 10:15 a.m. Light soutwest air. Barometer steady.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Received on board 75 qts. ice cream from Goodman American Ice Co. Magazine temperatures normal. Made daily inspection of Magazines and S.P. samples. Steady south-west breeze. Barometer steady.

B.A. Grieg
Chief Boatswain's Mate.

4:00 p.m. to 8:00 p.m. S
Steady S.W. breeze. Barometer steady.

B.A. Grieg
Chief Boatswain's Mate.

8:00 p.m. to Midnight.
Light S.S.W. airs to light breezes. Barometer steady. Motor boat made regular trips for liberty party. Liberty party aboard at midnight with the exception of Tschasche, P.G. s2c, USN

J.P. Krause
Carpenter, (T) USN

Approved:
L.R. Risser
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
G.H. Halsinger
Lieutenant, (jg) USNRF-1 Navigator.

4—2000

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO Great Lakes, Ill., 5 July, 1918191

L.R. Rutter, Lieut. COMDR. USNRF12, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Tier. At.	Temperatures. Air Dry Bulb.	Temperatures. Air Wet Bulb.	Temperatures. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWSW	1	79		77	78		bc		cu	8	
2									SWXW	1	78		76	73		bc		cu	6	
3									SWXW	1	77		76	73		bc		cu	6	
4									SWXW	1	74		75	72		bc		cu	6	
5									SW	1	74		74	71		co		n	10	
6									W	1	74		74	72		co		n	10	
7									NWXW	1	74		74	72		coz		n	10	
8	4	9	4						NW	1	74		74	72		coz		n	10	
9	8	8	13	9	85	1	670340	322	NXE	1	67		67	62		cozr		n	8	
10	8	3	22	7	85	5	674450	322	WNW	2	67		67	62		bcz		cu	8	
11	2	5	24	0	84	-	680570	322	NW	2	64		74	62		bcz		cu	8	
12				5	84	2	681998	var	NW	1	64		74	62		bcz		cu	9	

Noon. Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum A1 80 A2 78
Minimum q78 77

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal { Received _____ Expended 85. On hand 146.8

Fuel oil { Received _____ Expended _____ On hand _____

Water { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NW	1	29.64	71	78	67		bc		cu	7	
2									SE	1	29.63	70	80	68		bc		cu	6	
3									SSE	1	29.61	79	78	75		bc		cis	6	
4									SSE	1	29.60	77	77	74		bc		cis	6	
5									SXE	1	29.59	68	67	66		bc		ciw	4	
6									SSW	1	29.58	58	68	66		bc		cis	4	
7									SWXS	1	29.59	75	78	70		bc		cis	5	
8									SW	1	29.59	78	78	77		bc		cis	5	
9									WXS	1	29.59	76	77	73		bc		cis	4	
10									WXS	1	29.58	74	76	71		bc		cis	2	
11									SW	1	29.57	73	74	74		bc		cis	3	
12									WXS	1	29.57	70	73	67		bc		cis	3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 5 July 1918

REMARKS.

Commences and until 4:00 a.m.

At anchor in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of starbboard anchor chain at waters edge. S$ Breakwater Lt. bearing 180° psc. No. Breakwater Light F.R. psc. Boiler "B" steaming for auxiliary purposes. Liberty party aboard at 12:15 a.m. One absentee, P.G' Tschasche, reported aboard at 1:45 a.m. Light southwest by south air shifting to southwest by west. Barometer steady.

C.C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.

Commenced raining at 5:30 and continued throughout watch. Turned to at 5:30 carryingout morning orders. J.R. Norbeck, Bsmth 1c USN returned from 5 days leave of absence. N.C. Hilgenberg, CE-rreturned from 3 days leave of absence.

L.P. Krause
Carpenter, (T) USN

8:00 a.m. to Meridian.

Weighed anchor and got underway at 8:00 a.m. Stood out of Chicago harbor steering various courses until abeam of Cart r Harrison Crib. At 8:29 changed course to 348° psc. Put out PL reading 0. Lake View Crib abeam at 8:48 a.m. PLR 3.2 Rogers Park Spar buoy abeam at 9:08, PLR 4.9 k. Changed course at 9:15 to 322 psc. PLR 6.8, R.P.M. 85.1, steam 200 lbs. Gross Pt light bore 4 points off port bow at 9:28 a.m. PLR 7.8, Spar buoy #4 abeam at 9:37 a.m. Gross Pt Light abeam at 9:38 a.m. 2.7 mi. distant. PLR 10.L Changed course at 10:18 to 325° psc. Dense fog at 10:35 a.m. Lifted at 10:50 a.m. 11:00 a.m. PLR 22. R.P.M. 84, S.P. 200 lbs. LL:17 a.m. PLR 24.5 when taken in. Anchor let go at 11:26 in 4 fathoms of water. 25 fathoms of chain at the warers edge. Soundings taken fore and aft, 4 fathoms. Draft forward 13' 11", Aft 16 ft. Station Tower 290° psc. North Windmill 218 psc. Forewatch, av. R.P.M. 82.6 Av. S.P. 200 lbs. Miles made good 29.4. Crew engaged in general woek, field day, for Saturday inspection. The following men reported aboard from leave of absence: R. L. Rutter F.A. Walsh, H.H. Flow, and E.E. Swain. Lieut. (jg) G.L. Holsinger, USNRF-1 reported aboard from leave of absence. Magazines inspected and found conditions normal. Tested S.P: Samples and found same to be in good condition N.E. breezes shifting to light variable airs. Weather hazy? Barometer steady.

G.L. Holsinger
Lieut. (jg) USNRF-4

Meridian to 4:00 p.m.

Anchored at Great Lakes, Ill. USS HAWK anchored at 1:27 p.m. YANTIC anchored at 2:20. Fire drill held at 2:29. Secure at 3:00 p.m. Received 1 bbl. oil at 3:20 from Great Lakes. Lieut. Parsons aboard at 3:30. R. Safar, SF1c RF-4 Reported aboard from leave of absence.

L.P. Krause
Carpenter, (T) USN

4:00 p.m. to 8:00 p.m.

Received 12 bags of sand. Tested life buoys and magazine flood cocks and found same in goodworking order. Made fortnightly test of S.P. samples and found ittin good condition. Fire drill held at 5:55. Secure at 7:05.

L.P. Krause
Carpenter, (T) USN

8:00 p.m. to midnight.

Light west by south airs. Barometer falling.

C.C. Crane Jr.
Ensign, USNRF-4 cec

Approved:
L.R. Rutter
Lieutenant Commander, USNRF-2
CommandingnOfficer.

Examined:
G.L. Holsinger
Lieutenant, (jg) USNRF-1 U.S.N. Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO ....., 6 July, 1918191

L.R. Rutter, Lieut. Comdr, USNRF-2, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W.	2	29.58	76	66	63		bc	cis		3	
2									W	2	29.60	75	65	64		bc	cis		2	
3									W	2	28.63	76	68	65		bc	cis		2	
4									W	1	29.64	78	68	65		bc	cis		3	
5									W	1	29.56	73	67	65		c	cis		5	
6									WXN	1	29.57	73	67	65		bcz	cis		4	
7									WXN	1	29.59	73	65	63		bcz	cis		4	
8									NW	1	29.59	76	68	65		bcz	cis		3	
9									NXW	1	29.60	76	70	65		bcz	cis		2	
10									NE	1	29.60	76	70	72		bcz	cis		2	
11									NE	1	29.60	76	76	74		bcz	cis		2	
12									E	1	29.60	74	73	70		bcz	cis		2	
P. M.																				
1									ENE	1	29.59	74	70	68		bc	cis		2	
2									ENE	1	29.59	74	70	68		bc	cis		2	
3									ENE	2	29.59	74	70	68		bc	ci		3	
4									ENE	2	29.59	72	67	65		bc	ci		4	
5									ENE	2	29.58	74	66	63		bc	ci		6	
6									NE	2	29.57	72	66	63		c	ci		7	
7									NE	2	29.56	72	66	64		bc	ci		8	
8									NE	2	29.56	72	66	64		bc	ci		8	
9									NE	2	29.56	70	63	60		bc	cicu		8	
10									NE	2	29.56	64	60	57		bc	as		10	
11									NNE	2	29.58	64	60	58		ocl	as		10	
12									SE	1	29.60	64	60	59		ocl	n		10	

Sea. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 6 July, 1918

REMARKS.

Commences and until 4:00 a.m.
At Anchor at Great Lakes, Ill. with 25 fathoms of starboard anchor chain at the waters edge. Light breeze from the west. Barometer steady.

B A Grieps
Chief Boatswain's Mate

4:00 a.m. to 8:00 a.m.
At Anchor at Great Laks Ill. Smooth sea. 5:00 a:m. all hands. Crew turned to at 5:30 a.m. sweeping and scrubbing dow n decks with sand. Scrubbed fire hose and paintet boats.

J P Krause
Carpenter, (T) USN

8:00 a.m. to Meridian.
Captain's inspection of ship andcrew made at 9:30 a.m. All hands engeged in Swedish exercises from 9:45 to 10:10 a.m. From 10:30 to 11:30 a.m. Gunners mates instructed in gun pointing, Quartermasters in signalling and Coxswains in boat maneuvers with flag hoists. Light north west airs, shifting to northeast. Barometer steady.

C. C. Crandall Jr.
Ensign, SUNRF-4 cec

Meridian to 4:0 p.m.
1:45 quarters. USS GOPHER underway at 2:30 p.m. stood out to sea. Milton Chas. Lightner, Y3c, USNRF-4 reported for duty on board. Liberty party shoved off at 3:00 p.m.

B A Grieps
Chief Boatswain's Mate. USN

4:00 p.m. to 6:00 p.m.
Received from Great Lakes, 308 yards canvas, 55 coils rope, 10 gals. aluminum, 50 lbs lamp black, 50 gals. black paint, 20 gals. white enamel, 10 lbs, bronze, 10 lbs. white zinc.

J P Krause
Carpenter, (T) USN

6:00 p.m. to 8:00 p.m.
USS GOPHER Returned to her berth, anchoring at 6:50 p.m. Liberty party returned at 6:10 p.m. Light N.E. breezes. Barometer steady.

G Walsinger
Lieut. (jg) USNRF-4 ajh

8:00 p.m. to Midnight.
Received on board 2000 lbs. ice from A.S. Kennedy, Waukegan, Ill. Light N?E. breezes to light NNE air. Barometer rising slightly? Tested Engien room telephone. Light rain.

B A Grieps
Chief Boatswain's Mate, USN

Approved: L. R. Lurtin
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G Walsinger
Lieut. (jg) USNRF-1s. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO , 7 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind: Direction.	Wind: Force.	Barometer: Height in Inches.	Barometer: Ther. At.	Temperature: Air Dry Bulb.	Temperature: Air Wet Bulb.	Temperature: Water at Surface.	Weather by Symbols.	Clouds: Form.	Clouds: Moving From.	Clouds: Amount.	Sea.
A. M.																				
1									E S	2	29.60	78	60	58		ocr	cun		10	
2									EXS	2	29.60	78	60	58		oc	cun		10	
3									EXS	3	29.60	78	56	54		od	cun		10	
4									EXN	3	29.61	78	58	56		ocr	cun		10	
5									NE	2	29.61	78	58	56		bc	cu		8	
6									NE	2	29.61	78	58	56		bc	cu		8	
7									NR	2	29.61	78	58	56		bc	cu		8	
8									NR	2	29.63	78	58	58		bq	scu		9	
9									NE	2	29/63	72	60	58		bc	cu		9	
10									NE	2	29.64	72	60	58		bc	cu		8	
11		-							NE	2	29.62	72	60	58		bc	cu		7	
12									NE	2	29.62	72	60	58		bc	cu		7	
P. M.																				
1									NNE	3	29.58	66	58	55		bc	cicu		5	
2									NNE	3	29.58	66	57	54		bc	cicu		3	
3									NNE	4	29.59	65	57	54		bc	cicu		2	
4									NNE	4	29.59	64	56	53		bc	cis		2	
5									NXE	5	29.59	64	56	53		bc	ci		6	
6									NNE	5	29.56	66	57	54		bc	cicu		6	
7									NXE	5	29.57	66	60	57		bc	cu		4	
8									NXE	5	29.56	66	60	57		bc	cu		5	
9									XW	4	29.56	66	55	54		bc	cicu		5	
10									NXW	4	29.56	66	58	66		bc	cicu		5	
11									W	5	29.57	67	58	56		bc	cicu		6	
12									NXE	5	29.57	66	57	54		bc	cicu		6	

Latitude (a.m.)
Longitude (a.m.)
Latitude (Noon.)
Longitude (Noon.)
Latitude (p.m.)
Longitude (p.m.)
Current: Set
Current: Drift

MAGAZINE TEMPERATURES:
Maximum A1 80 A2 87
Minimum 78 79

Compass
S. H
Error
Variation
Deviation

Coal: Received
Coal: Expended 3.9
Coal: On hand 138.8

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 7 July 1918

REMARKS.

Commences and until 4:00 a.m.
Light breezes from east by south shifting to ESE. Gentle breeze. Barometer steady. Passing shower.

J. P. Krause
Carpenter, (T) USN

4:00 a.m. to 8:00 a.m.
Crew truned to at 5:30 a.m. carrying out morning orders. USSS GOPHER designated as guard ship of day. Light jist from 4:00 a.m. to 4:40 a.m. Light breeze from north east. Barometer steady.

C. C. Crane Jr.
Ensign, SUNRF-4

8:00 a.m. to Meridian.
Made daily inspection of magazines and S.P. samples and found same in good condition. Quarters for muster. No absentees. Read Articles of war. Physical exercises. Barometer steady. Light northeast breezes.

B. A. Sniep
Chief Boatswain's Mate, USN

Meridian to 4:00 p.m.
Barometer steady. Moderate sea swells. Moderate breezes from NE

J. P. Krause
Carpenter, (T) USN

4:00 p.m. to 6:00 p.m.
Moderate to fresh northeast breezes. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Moderate to fresh NXE breeze. L. LeMay, Com-std ashore on duty. Barometer steady.

B. A. Sniep
Chief Boatswain's Mate, USN

8:00 p.m. to Midnight.
Fresh northerly breeze. Barometer steady.

J. P. Krause
Carpenter, (T) USN

Approved: L. R. Lucas
Lieutenant Commander, USNRF-2
Commanding Officer/

Examined: H. H. Halsey Jr.
Lieutenant, (jg) USNRF-1
U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO Chicago, Ill., 8 July, 1918 191

L.R. Rutter, Lieut. Comdr, USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Therl. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									N	4	29.57	65	58	56		bc	cicu		2	
2									N	4	29.56	66	60	58		bc	cicu		2	
3									N	4	29.56	66	59	57		bc	cu		5	
4									NXE	3	92.55	65	58	56		bc	cu		7	
5									NXE	2	29.59	66	58	56		bc	cu		7	
6									NXE	2	29.59	65	57	55		bc	acu		8	
7									NXE	3	29.61	66	56	54		bc	cu		8	
8									N	3	29.58	67	58	56		bc	cicu		4	
9									NXE	4	29.56	67	58	58		bc	cicu		4	
10									NXE	4	29.56	67	60	56		bc	cicu		5	
11									NNE	4	29.56	68	60	58		bc	cicu		6	
12									NNE	4	29.56	67	61	59		bb	cicu		4	
P. M.																				
1									NNE	3	29.60	70	61	58		bc	cicu		3	
2			5	7	2	78	686414	148	NNE	2	29.64	70	58	55		bc	cu		3	
3	8	3	14	6	-	80	691214	148	NE	2	29.63	70	58	55		bc	cu		3	
4	8	3	22	3	-	80	696014	175	NE	2	29.62	70	58	55		bc	cis		2	
5			23	5	9	68	698839	var	NNE	2	29.62	70	58	55		bc	cis		2	
6									NNE	2	29.61	70	58	55		bc	cis		5	
7									NNE	2	29.60	70	60	58		bc	cis		4	
8									NNE	2	29.59	70	60	58		bc	cis		4	
9									NNE	2	29.59	70	60	58		bc	cis		4	
10									NNE	2	29.59	70	60	58		bc	cis		5	
11									NNE	2	29.59	70	60	58		bc	cis		8	
12									NNE	2	29.59	70	60	58		bc	cis		8	

a. m. { Latitude
Longitude

Noon. { Latitude
Longitude

p. m. { Latitude
Longitude

Current { Set
Drift

MAGAZINE TEMPERATURES:
Maximum A1 79 A8 80
Minimum 77 79

Compass
S. H
Error
Variation
Deviation

Coal. { Received
Expended
On hand

Fuel oil. { Received
Expended 5.
On hand 133.3

Water. { Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		Quartermasters sea terms
2		
3		Coxswains Marlinespike seamanship
4		
5		
6		GunnerysMates overhaul- ing battery.
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 8 July 1918.

REMARKS.

Commences and until 4:00 a.m.

Anchored off Great Lakes, Ill. in 4 fathoms of water with 25 fathoms of starboard anchor chain at waters edge. Administration Bldg. Tower bearing 289° psc. Waukegan Harbor light 356° psc Both boilers steaming. Moderate north breezes. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.

Reveille at 5:00 a.m. Crew turned to at 5:30 a.m. carrying out morning orders. Motor boat took on 15 gal. gasolene. N by E light breeze. Barometer steady.

B. A. Griep
Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.

Hawk relieved from guard duty of day. Kocarnik, J.J. E3c-r, RF-4 transfered to U.S. Naval Hospital, Great Lakes, Ill. 10:45 a.m. canteen stores received aboard. Crew engaged in general work, painting hammock nettings, boats and straightening up decks. NNE light breeze. Barometer steady.

J. P. Krause
Carpenter, (T) USN

Meridian to 4:00 p.m.

U.S.S. YANTIC and USS HAWK underway at 12:00 p.m. USS GOPHER underway a at 1:05 p.m. Weighed anchor and got underway at 1:05 p.m. Steering course of 90° psc, in column formation, 400 yds. apart in the following order: ESSEX YANTIC, GOPHER, and HAWK. Standard speed 9 knots. PL put out at 1:15 p.m. r reading 0. Changed course to 148 psc at 1:15 p.m. Took bow and beam and quarter bearing on Ft. Sheridan Tower 3.5 miles distant whema abeam. 2:00 PLR 5.7 k. R.P.M. 78.2, s.P. 200 lbs. Finished taking on water at 2:40 p.m. Took 26 1/4, 45 and 90° bearing on Gross Pt. Light 3 Mi. distanr when abeam 3:00 p.m. PLR 14 k., R.P.M. 80, S.P. 200 lbs. Changed course to 175° psc at 3:00. Abeam of Wilson ave. Crib at 3:48 p.m. 4:00 p.m. PLR 22.3 k. R.P.M. 80, S.P. 200 lbs. For watch Av. R.P.M. 79.4 Av S.P.193.3 Miles made good 26.8 Supernumeries given instruction during drill periods as follows: Quartermasters, sea terms and expressions. Coxswains, Marlinespike seamanship. Gunners mates, overhauling battery. Gentle north northwest breezes shifting to light northwest breezes. Barometer fluctuating.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 8:00 p.m.

At 4:10 Carter Harrison Crib abeam. Took in PL reading 23.5 knots. 4:14 Gopher headed into N/ Harbor entrance. 4.40 Gopher moored. At 4:45 engines stopped. Anchored in 3 1/2 fathoms of water with 25 fathoms of chain at the waters edge. HAWK anchored at 4:48 p.m. 750 yds. astern/ YANTIC anchored 4:50 p.m. 450 yds. astern. Bearing on N. Breakwater light 29° On S. Breakwater light151° psc. Ship heading 60. Captains Cooper, Smith and Swenson aboard. Captains Cooper, smith and Swenson left the ship at 5:30 p.m. Received from O.F. Mayer 200 lbs hamburger, 200 lbs. pork butts, from N. Shore Fruit and Produce Co. 2 tubs butter 120 lbs. 6 cases eggs, 300 lbs onions. Received from Arnold Bros. 100 lbs. frank furters. Received from Morris and Co. 200 lbs. liver sausages. 150 lbs. beef hearts, From Armour an Co. 666 lbs beef. 375 lbs. Sweet corn. 40 lbs. tomatos. From Cohen Co., 360 melons. From Burkhalter Keath Food Co., 1200 lbs bread. From Chicago Eng. Co. 1 each 1/2" 3/4" 2nd 1" cutter for Oster Bull dog stock. Liberty party left ship at 5:30 p.m. Barometer steady. Light NNE breeze.

B. A. Griep
Chief Boatswain's Mate, USN

8:00 p.m. to Midnight.

Light NNE breeze. Barometer steady.

B. A. Griep
Chief Boatswain's Mate, USN

Approved:
L. R. Lunn
Lieutenant, Commander, USNRF-2
Commanding Officer.

Examined:
E. H. Holcomb
Lieut. (jg) USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO 9 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WNW	1	29.58	70	62	60		bc	cis		2	
2									WNW	1	29.56	69	62	60		bc	cis		2	
3									WNW	1	29.54	69	62	60		bc	cis		2	
4									NWXW	1	29.53	70	62	60		bcz	cis		2	
5									NWXW	1	29.53	70	62	60		bcz	cicu		5	
6									NWXW	1	29.52	70	62	60		bcz	acu		6	6
7									NWXW	1	29.52	70	64	60		bcz	acu		5	
8									NWXW	1	29.52	70	66	64		bcz	acu		5	
9									NWXW	1	29.50	70	66	64		bcz	acu		5	
10									NNW	1	29.49	70	66	63		bcz	acu		4	
11									NNW	1	29.50	70	66	64		bcz	acu		5	
12									WXN	1	29.50	70	66	64		bcz	acu		4	
												70								
P. M.																				
1									WXN	1	29.47	74	74	71		ocz	neu		10	
2									WXN	1	29.77	74	74	71		ocz	neu		10	
3									WXN	1	29.47	74	74	71		ocz	neu		9	
4									NNW	1	29.46	74	72	69		ocz	scu		10	
5									N.	1	29.46	74	70	67		ocz	cu		10	
6									E	1	29.45	74	68	66		ocz	cu		10	
7									E	1	29.46	75	64	61		bcz	cu		8	
8									CALM	-	29.46	74	63	61		bcz	cu		7	
9									"	-	29.45	74	64	61		bcz	cu		8	
10									"	-	29.46	74	63	60		bcz	cu		7	
11									WXN	1	29.46	74	64	61		bc	xu		7	
12											29.46	74	65	62		bc	cu		6	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 76 A2 79
Minimum 73 77

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 8.2 / On hand 126

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
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8		
9		

4:00 p.m. to 8:00 p.m.

At 4:10 Carter Harrison Orth abeam. Took in PL reading 25.5 knots.
4:14 Gopher headed into N. Harbor entrance. 4:40 Gopher moored. At 4:45 engines stopped. Anchored in 3 1/2 fathoms of water with 25 fathoms of chain at the water's edge. HAWK anchored at 4:45 p.m. 750 yds. east of YANTIC anchored 5:50 p.m. 450 yds. astern. Bearing on N. Breakwater light 25°

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 9 July 1918.

REMARKS.

Commaences and until 4:00 a.m.
Anchored in Chicago Harbor, in 3 1/2 fathoms of water, with 25 fathoms of chain at waters edge. Light airs from NWXN. Barometer steady.

J.H. Krause
Carpanter (T), USN

4:00 a.m. to 8:00 a.m.
Reveille at 5:00 a.m. Turn to at 5:30. Carried out morning orders. Liberty returned at 7:00 a.m. No absentees. Barometer steady. Light airs from NWXW

B.A. Sniegs
Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.
Magazines inspected and conditions found normal. S.P. samples tested. Ship's company engaged in scrubbing hammocks and sea bags. Supernumeries instructed in battery practice, signalling and boat maneuvering with flag hoists. Light northwest by west air shifting to west by north. Barometer fluctuating.

C.C. Crane Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
Received from Standard Oil Co. 65 gals. gasolene. Received from American WALL paper Co. 100 lbs. shellac. USS HAWK underway at 1:07, YANTIC at 1:34 p.m. HAWK anchored 750 yds. astern . YANTIC anchored 450 yds. astern. Boat drill for Quartermasters, Marlinespike seamanship for Gunners mates, battery drill for Coxswains. Light NW air. Barometer steady.

B.A. Sniegs
Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 p.m.
Liberty party shovee offoat 5:00 and 6:00 p.m. Light west and northwest airs. Barometer falling. 5:20 p.m. passing shower.

C.C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
J.H. Eagan, CMM, USNRF-2 returned from 5 days leave of absence. Light east winds. Barometer steady.

J.A. Haines.
Lieut. (JG) USNRF-4

8:00 p.m. to 12:00 midnight.
Clear blue sky, Calm. Smooth sea/ Barometer steady.

J.H. Krause
Carpenter(T), USN

Approved:
L.R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
G.H. Hakenjos
Lieutenant, (jg) USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES' SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO 10 July 1918, 191

L.R.Rutter, Lieut. Comdr, USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NNW	2	29.48	73	63	61		bc	cis			
2									NNW	1	29.48	70	63	60		bc	cis			
3									WXN	1	29.48	71	62	60		bc	cis			
4									WXN	1	29.48	71	62	60		bc	cis			
5									NW	1	29.48	71	62	60		bc	cis			
6									NW	1	29.50	71	63	60		bc	cis			
7									NW	1	29.50	71	65	62		bcz	cis			
8									NW	1	29.50	71	66	63		bcz	cisscu			
9	8		4	-	67	3	702862	348	NW	1	29.55	72	64	61		bcz	scu			
10	7	-	12	-	78	7	707350	322	N	1	29.55	72	64	61		bcz	cis			
11	4	8	19	9	79	3	712125	322	N	2	29.55	70	64	61		bc	scu			
12		6	24	5	74	5	716575	367	N	2	29.55	68	64	61		bc	cu			
P. M.																				
1									N	3	29.56	68	63	60		bc	cu			4
2									N	5	29.58	68	63	60		bc	cu			3
3									N	2	29.58	68	67	64		bc	cu			3
4									NNE	2	29.59	68	66	73		bc	cis			3
5									NNE	2	29.58	69	68	66		bc	cis			5
6									NNE	1	29.58	70	70	68		bc	cis			5
7									NXE	1	29.58	73	70	70		bc	cis			6
8										-	29.58	72	79	75		bc	cis			6
9										-	29:57	71	72	72		bc	cis			3
10									SW	1	29.58	72	66	63		bc	cis			4
11									SW	1	29.58	72	64	61		bc	cis			4
12									W	1	29.58	72	63	62		bc	cis			4

a. m. { Latitude ____ Longitude ____

Noon. { Latitude ____ Longitude ____

p. m. { Latitude ____ Longitude ____

Current { Set ____ Drift ____

Magazine Temperatures:

	A1	A2
Maximum	77	77
Minimum	75	77

Compass ____

S. H ____

Error ____

Variation ____

Deviation ____

Coal. { Received ____ Expended ____ On hand ____

Fuel oil. { Received ____ Expended ____ On hand ____

Water. { Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX 10 July 1918

REMARKS.

Commences and until4:00 a.m.

Anchored in Chicago Harbor in 3 1/2 fathoms of water with 25 fathoms of chain at the watersedge. N. Breakwater lt. bearing 29° psc. S. Breakwater lt. 151 psc. Both boilers steaming. Light north to west by north airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.

Reveille 5:00 turn to at 5:30 carrying out morning orders. Liberty party aboard by 7:00 a.m. Light northwest breezes. Barometer steady.

J. F. Krause
Carpenter (T) USN

8:00 a.m. t Meridian

Stee ing out of Chicago Harbor. Passed outer breakwat r at 8:12 a.m. Course 15° psc. Carter Harrison Crib abeam 8:30 a.m. PLR .8 k Changed course to 348 psc. Essex, Yantic, Gopher and Hawk in order named. Quarters and drill at 9:00 a.m. At 9:27 a.m. changed course to 322° psc. PLR 7.5 k. Gross Pt. Light abeam 9:55 a.m. 2.76 miles distant. From 10 to 12 noon executed various tactical evolutions. Took on 1536 gal. fresh water. At 11:2o Hawk asked permission to fall out of formation. At close of watch standing in to anchorage at Great Lakes.

G. Halsing
Lieut. (jg) USNRF-1

Meridian to 4:00 p.m.

Steaming full speed, on course 267 psc. Dropped anchor at 12:20 p.m. off Great Lakes, Ill., in 22 1/2 ft. of water with 25 fathoms of chain at waterseedge. Draft 13' 8" forward, 15' 8" aft. Administration Bldg. Tower bearing 286° psc. Foss Pt tank 318° psc. Waukegan Breakwater lt. 358 psc. USS YANTIC and GOPHER anchored at 12:20 p.m. Yantic 420 yds. distant, foremast bearing 176° psc. USSS hawk underway at 1:15 p.m. heading northeast. USS GOPHER underway for Chicago, Ill. at 3:45 p.m. Supernumeries instructed in signalling, dotting practice, sea terms and expressions and first aid work. Gentle to light north breezes. Barometer rising.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 p.m. to6:00 p.m.

Received from Great Lakes; 5oo heavy cap folders, 10 gal. pyrene, 120 ft. cable, cast steel and 5 unions. Light Northeast airs.

J. F. Krause
Carpenter (T), USN

6:00 p.m. to 8:00 p.m.

Calm. Barometer steady.

B. A. Snieg
Chief Boatswains Mate, USN

8:00 p.m. to Midnight.

Weighed anchor and got underway at 11:02 p.m. Draft forward, 13' 8" aft 15' 9". Course 65° psc. Standard speed 10 miles per hour. Patent log out at 11:18 p.m. reading 0 . 12:00 mid. PLR 5.9 k. R.P.M. 78, S.P. 200 lbs. Calm to light southwest airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

Approved: L. R. Reuter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. Halsing
Lieutenant, (jg) USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes to TO Black Lake, Mich. 11 July 1918.

L.R. Rutter, Lieut. Comdr., USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	7	8	13	8	78	-	726631	65	NEXN	2	29.60	70	56	54		scu	scu		4	
2	8	3	22	1	79	5	751407	65	N	1	29.62	68	60	57		bc	scu		4	
3	8	1	30	2	78	3	736107	65	NXE	1	29.62	88	60	57		bc	scu		5	
4	8	6	38	8	80	-	740907	65	N	1	29.60	68	61	58		bc	scu		5	
5	8	-	46	8	80	-	745707	65	E	1	29.59	68	62	60		c	scu		10	
6	8	5	55	8	81	2	755580	65	E	1	29.59	70	63	61		c	scu		10	
7	8	5	63	8	82	-	755500	65	ENE	1	29.59	70	60	58		bc	cu		8	
8	4	4	68	2	67	7	759217	var	E	1	29.59	71	68	65		bc	cis		8	
9									SW	1	29.58	70	71	60		bc	cu		8	
10									N	1	29.59	70	68	65		bc	scu		9	
11									NXE	1	29.66	70	64	62		baz	scu		10	
12									SW	1	29.63	70	64	62		bc	scu		8	
P. M.																				
1									NEXN	1	29.60	70	64	62		bc	scu		8	
2									NEXN	1	29.60	70	66	64		bc	scu		8	
3									NNW	1	29.60	70	68	66		bc	cu		5	
4									NNW	2	29.60	70	68	66		bc	cu		5	
5									NNW	1	29.62	70	66	63		bc	cu		3	
6									NNW	1	29.62	66	66	63		bc	cu		3	
7									NNW	1	29.62	67	64	61		bc	cu		2	
8									NNW	1	29.62	66	61	58		bc	cu		2	
9									NXW	1	29.61	67	60	58		bc	cis		2	
10									NXW	1	29.61	67	60	58		bc	cis		2	
11									NXW	1	29.6q	67	59	57		bc	cis		2	
12									NNW	1	29.63	64	56	54		bc	cis		2	

Latitude (a. m.)
Longitude (a. m.)
Latitude (Noon.)
Longitude (Noon.)
Latitude (p. m.)
Longitude (p. m.)
Current: Set
Current: Drift

Magazine Temperatures:
Maximum A1 77 A2 78
Minimum 76 76

Compass
S. H
Error
Variation
Deviation

Coal: Received
Coal: Expended 14.1
Coal: On hand 103.

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afterndon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 11 July 1918.

REMARKS.

Commences and until 4:00 a.m.
Steaming on course 65° psc. 12:55 a.m. changed course speed of 78 rev. per minute. 1:00 a.m. PLR 13.8k. R.P.M. 78, steam 195 lbs. 2:00 PLR 22.1 k., A.R. 79.5, Steam 200 lbs. 3:00 PLR 38.8, rev. 80, S.P. 200 lbs 4:00 PLR 38.8 k. Average for watch, rev. 78.3 steam 197.2 lbs. Light air from west. Barometer steady.

Carpenter, (T) USN

4:00 a.m. to 8:00 a.m.
5:00 PLR 46.8 rev.80, Steam 190 lbs. 6:00 a.m. PLR 55.3, rev. 81.2 Ste 200 lbs. 7:00 PLR 63.8, rev. 82, steam 200 lbs. At 7:27 a.m. changed course to 90° psc. 7:45 a.m. inside Pierhead. 8:53 anchored in 3 1/2 fathoms of water with 20 fathoms of chain at waters edge. Barometer steady. Light variable airs. Miles made good 36.

Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.
Yantic anchored off starboard beam. Magazines inspected and conditions found normal. Tested S.P. samples and found it in good condition. Supernumeries instructed in boats under sail, bore sighting, sight-setting and signalling. Wind SW and NXE Light airs. 10:00 commenced raining Barometer steady.

Lieut. (jg) USNRF-4

Meridian to 4:00 p.m.
J.J. Daly S2c USN granted leave of absence of 5 days commencing at 3:00 p.m. this date and expiring 3:00 p.m. July 16, 1918. Supernumeries instructed in boats under sail, bore-sighting and signal practice. Swimming party left ship at 2:45 p.m. Wind. NNW. Light breezes. Barometer steady.

Carpenter, (T), USN

4:00 p.m. to 6:00 p.m. Swimming party returned to ship. Liberty party shoved off at 6:00 p.m. Barometer steady. Light variable airs.

Chief Boatswain's Mate, USN

6:00 p.m. to 8:00 p.m.
Liberty party shove off at 6:30 p.m. Light north northwest airs. Barometer steady.

Ensign, SUNRF-4 cec

8:00 p.m. to Midnight.
8:30 Ensign from YANTIC aboard, 8:50 left ship. Liberty party returned on tome. No absentees. 10:45 Capt. Cooper visited ship. Left ship at 11:15 p.m. Wind NNw Light breeze. Barometer steady.

Carpenter (T), USN

Approved:
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
Lieutenant, (jg), USNRF-1
U.S.N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Black Lake, Mich TO 12 July 1918 191

L.R.Rutter, Lieut. Comdr/ USNRF-2, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Engine Revs. Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NNW	1	29.63	64	54	52		bc	cis		4	
2									NXE	1	29.64	64	54	52		bc	cis		3	
3									NXE	1	29.66	64	54	52		bc	cis		2	
4									NNE	1	29.67	66	56	54		bc	cis		3	
5									NXE	1	29.66	68	56	54		bc	cis		2	
6									NXE	1	29.67	68	56	54		bc	cis		2	
7									NXE	1	29.68	68	59	56		bc	cis		2	
8									NXW	1	29.68	68	60	58		bc	cis		4	
9									NNW	1	29.70	68	69	60		bc	cis		4	
10									NWXW	1	29.71	69	64	62		bc	cis		5	
11									NWXW	1	29.71	67	64	62		bc	cis		5	
12									NWXN	1	29.71	67	65	63		bc	cis		5	
P. M.																				
1							55	9	760616	var	NWXN	1	29.71	65	66	63	bc	cu		3
2							72	4	764238	do	NW	1	29.69	66	68	66	bc	cu		4
3							73	9	768670	do	WNW	1	29.68	65	65	63	bc	cu		4
4							66	2	770680	do	WNW	2	29.65	60	65	58	bc	cu		5
5							57	8	773007	do	NNW	2	29.64	67	67	65	bc	cu		2
6											NNW	2	29.64	66	66	64	bc	cu		3
7											NNW	2	29.64	66	64	62	bc	cu		4
8											WNW	2	29.63	67	64	62	bc	scu		4
9											WNW	2	29.63	67	63	61	bc	cicu		3
10											WNW	2	29.64	68	60	58	bc	cicu		2
11			5	8			67	2	777152	232	WNW	2	29.64	68	55	53	bcz	cicu		2
12	8	-	13	8			77	7	781815	232	NW	2	29.65	68	53	51	bcz	cicu		2

Sa. m. Latitude / Longitude

Noon. Latitude / Longitude A-

Sp. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum A1v78 A2 78
Minimum 76 76

Compass
S. H.
Error : 0 1
Variation
Deviation

Provisions: Received / Expended 6.4 / On hand 96.6

Fuel: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 12 July 1918

REMARKS.

Commances and until 4:00 a.m.
At anchor at Black Lake with 25 fathoms of chain at waters edge. Light NNE airs. Barometer steady.

Chief Boatswain's Mate, USN

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. and engaged in general field day. Light airs from N by E. Barometer steady.

Lieut. (jg) USNRF-4

8:00 a.m. to Meridian.
Supernumreies instructed in battery drill, boats under oras and sails and evolution signals. Light airs from NWXN. Barometer steady.

Carpenter (T), USN

Meridian to 4:00 p.m.
Moderate breeze from NNW and NWXN. At 12:20 YANTIC stood out to sea 12:25 ESSEX stood out to sea and lowered target. At 12:30 began sub-caliber target practice, inc company with USS YANTIC until 2:50 p.m. also took azi uth on different points. and got radius of Essex at full speed. Left 3 cutters and motor boat ashore to drill under oars and sail.

Carpenter (T), USN

4:00 p.m. to 6:00 p.m.
Clear and fair. Moderate breezes from NXW At 4:10 p.m. Picked up target and stood into Black Lake, preceeded by Yantic. Come to anchor at 4:44 p/m. with 20 fathoms of chain at waters edge. Sailing parties returned to ship at 5:05 p.m. Base ball party aboard at 5:25 p.m.

Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Liberty party asnore at 6:30 p.m. Tasted life buoy and magazines flood cocks and found them to be in good condition. Wind NWXN. Light airs . Barometer steady.

Carpenter, (T) USN

8:00 p.m. to Midnight.
9:00 liberty party returned. No absentees. 9:26 .m. YANTIC underway at 9:50 p.m. ESSEX underway . At 10:15 p.m. Black Lake Light on port beam 20 yards distant. Put out Patent Log reading 0. Took position astern of YANTIC steering various courses until 10:35 .m. then on course 232° psc PLR 2.8 k., 11:00 p.m. PLR 5.8 rev. 67 Steam 190 lbs. Light breezes to light airs from WNW. Barometer steady. Miles made good 16.56

Chief Boatswain's Mate, USN

Approved:
Lieutenant Commander, USNRF-2
Commanding Officer/

Examined:
Lieutenant (jg)/ USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Black Lake, Mich. TO Chicago, Ill. 13 July 1918. 191

L.R.Rutter, Lieut. COMDR., USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. at.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8n	5	22	3	80	7	786658	232	NNW	1	29.61	68	62	60		bc	cis		2	
2	8	7	31	-	84	5	791738	232	WXN	1	29.61	68	61	58		bc	cis		1	
3	9	-	40	-	85	-	796838	232	WNX	1	29.62	69	61	58		bc	cis		2	
4	8	5	48	5	82	2	801772	232	WNS	1	29.63	67	71	58		bc	cis		2	
5	8	9	57	4	83	3	811872	232	W	1	29.66	67	62	60		bcz	cis		2	
6	9	-	66	4	85	-	815972	232	WNS	1	29.68	68	63	61		bzz	scu		5	
7	8	8	75	2	85	-	819571	190	WNW	1	29.70	70	66	64		bzz	ci		6	
8					87	9		var.	WNW.	1	29.71	70	66	64		bcz	cis		6	
9									N	1	29.70	70	67	65		bcz	cis		6	
10									NNE	1	27.68	70	68	66		bcz	cicu		5	
11									NNE	1	29.71	72	70	68		bcz	ci		4	
12									NNE	1	29.71	72	70	68		bcz	ci		5	
P. M.																				
1									NE	1	29.69	71	69	66		bcz	cis		6	
2									NE	1	29.66	74	70	67		bcz	cis		7	
3									ENE	1	29.65	73	68	65		bcz	cis		8	
4									NE	1	29.65	72	67	64		coz	cis		10	
5									NNW	1	29.62	74	67	64		coz	as		10	
6									NNW	1	29.62	73	68	65		coz	as		10	
7									NNW	2	29.62	73	68	65		coz	as		10	
8									NNE	1	29.62	73	68	65		bc	as		9	
9									NNE	1	29.62	75	68	65		bc	as		8	
10									E	1	29.629	72	68	65		bc	acu		6	
11									ESE	1	29.62	72	68	65		bc	acu		6	
12									ESE	1	29.62	70	66	64		bc	acu		10	

Noon. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum A1 75 A2 76
Minimum 74 75

Compass
S. H
Error
Variation
Deviation

Coal. Received 80 / Expended 2311 / On hand 153.8

Fuel oil. Received / Expended / On hand

Water. Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 13 July 1918.

REMARKS.

Commences and until 4:00 a.m.
Steering course 232° psc from Black Lake, Mich. to Chicago Illinois. Took on 1142 gal. fresh water. 1:00 a.m. PLR 22.3 k. R.P.M. 80.7, S.P. 200 2:00 a.m. PLR 37.1 R.P.M. 84.5, S.P. 200 lbs. 3:00 a.m. PLR 40 k., R.P.M. 85 S.P. 195 lbs. 4:00 a.m. PLR 48.5 k', R.P.M. 82, S.P. 200 lbs. For watch av erage R.P.M. 83.1, S.P. 198.3. Milds made good, 47.6 Light north northeast and north by west airs. Barometer steady.

C. C. Cone Jr
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Steering course 232° psc. 5:00 a.m. PLR 57.4, R.P.M. 83.3, S.P. 200 lbs 6:00 a.m. PLR 66.2, R.P.M. 85, S.P. 200 lbs. Picked up Wilson ave. Crib at 6:45 a.m. Changed course to 190 psc. Picked up Carter Harrison Crib at 6:: 55 a.m. 7:00 PLR 75.2 R.P.M. 85, S.P.. 200 lbs. Anchored at 7:45 a.m. in Chicago Harbor with 20 fathoms of chain at the waters edge. YANTIC anchored at 7:47 a.m. Wind NXW, light airs. Barometer steady.

J. H. Krause
Carpenter (T), USN

8:00 a.m. to Meridian.
8:45 a.m. Capt. Cooper aboard, left ship at 8:51 a.m. Underway at 8:56 Moored to coal dock and commenced coaling at 9:15 a.m . Draft forward 13' 4", aft 15' 7" Draft after coaling 14'2" forward, 15' 11½ aft. Underway from coal dock at 10:24 a.m. Anchored at 10:31 a.m. in 19 ft. water with 25 fathoms of anchor chain at waters edge. NNE light airs. Barometer steady.

Barneys
Chief Boatswain's Mate, USN

Meridian to 4:00 p.m.
Crew engaged in general field day. Henderson, W.A. S.F.1c NNV left ship on 7 days leave of absence, commencing at 12:00 noon 7-13-18 . Ball team shoved off at 2:30 p.m. Supernumeries shoved off for ball game at 2:45 Received from Burkhalter-Heath Food Co., 400 lbs. bread for commissary. Liberty party shoved off at 4:00 p.m. Light northeast and east northeast airs. Barometer falling.

C. C. Cone Jr.
Ensign, USNRF-4 USN

4:00 p.m. to 6:00 p.m.
Light northeast airs shifting to north northwest. Barometer steady.

J. H. Krause
Carpanter (T), USN

6:00 p.m. to 8:00 p.m.
6:00 p.m. Liberty party ashore. Light NNE airs. Barometer steady.

J. H. Krause
Carpenter, (T) USN

8:00 p.m. to Midnight.
Variable winds. Barometer steady.

J. H. Krause
Carpenter (T), USN

Approved:
L. R. Lunn
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
H. Halsey Jr
Lieutenant, (JG) USNRF-1
Navigator.

4—2596

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Chicago, Ill. TO 14 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2 U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Revised	Average Revs.	Tenths	Engine Orders	Course	Direction	Force	Inches	Tenths	Air Dry	Air Wet	Water Inlet	Weather and Remarks	Form	Movement	Amount	Bal.
A.M.																				
1									ESE	1	29	63	74	66	63		bc	as	6	
2									ESE	1	29	63	79	66	63		bc	as	7	
3									ESE	1	29	61	79	66	63		bc	as	6	
4									SE	1	29	60	79	67	64		bc	as	4	
5									E	1	29	66	74	68	65		bc	scu	5	
6									E	1	29	66	74	74	66		bc	scu	6	
7									NNE	1	29	66	74	74	71		bc	cis	5	
8									NNE	1	29	66	74	74	71		bc	cis	5	
9									NNE	1	29	64	74	74	71		bc	cis	5	
10									NNE	1	29	66	73	71	71		bc	cis	5	
11									NE	1	29	66	73	70	67		bc	ci	6	
12									NE	1	29	66	76	72	69		bc	ci	6	

Latitude
Longitude

Latitude
Longitude

Latitude
Longitude

Current: Set
Drift

Magazine Temperatures:
Maximum 42 77 42 76
Minimum 76 76

Compass
S. H
Error
Variation
Deviation

Fuel oil: Received
Expended 2.6
On hand 151.1

Fuel oil: Received
Expended
On hand

Fuel oil: Distilled
Received
Expended
On hand

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P.M.																				
1									NNE	1	29	66	74	73	69		bcs	cis	6	
2									N	1	29	63	71	70	68		bcs	cis	6	
3									NNE	1	29	63	73	70	68		bcs	cis	5	
4									NE	1	29	60	73	69	67		bcs	cis	5	
5									NE	1	29	60	72	69	67		bcs	cis	5	
6									NE	1	29	60	72	69	67		bcs	cis	5	
7									NE	2	29	59	72	69	67		bcs	scu	6	
8									SEXE	1	29	58	72	69	66		bcs	as	8	
9									E	1	29	58	75	70	66		bc	as	9	
10									S	1	29	58	75	70	67		bc	cis	5	
11									S	1	29	58	75	70	67		bcs	cis	4	
12									S	1	29	58	75	70	67		bcs	cis	2	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 14 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor in 19 ft. of water with 25 fathoms of starboard chain at the waters edge. South Gap Lt. bearing 185 psc. Outer Breakwater lt. 78 psc. Light west southwest airs. Barometer fralling.

C. C. Crone Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Liberty party returned. Brosamer, GH, Cox, Callico, P. F3c, USN, and Fogle, T. F2c, USN A.O.L. At 8:00 ship in full dress. Barometer steady. Light variable airs.

B. A. Snieps
Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.
9:00 Mr/ Crone, Mr Holsinger and Mr Haines ashore. 9:00 liberty shoved off. 9:55 Mr Sanders aboard. Mr Wright aboard. Absentees returned aboard 1hr. 35 min. A.O.L. 10:00 Mr Crone aboard. 10:30 Mr Wright ashore. 11:00 Mr Sanders ashore. 11:30 Capt. Rutter aboard. 12:00 noon salute fired in commemoration of Basitle Day. Light Northeast airs. Barometer steady.

J. H. Krause
Carpenter (T), USN

Meridian to 4:00 p.m.
Swimming party held off boom between 2:00 p.m. and 2:30 p.m. Visitors aboard from 2:00 p.m: n. Liberty parties shoved off on hourly boats. Light variable winds. Barometer steady.

C. C. Crone Jr.
Ensign/ USNRF-4 cec

4:00 p.m. to 8:00 p.m.
Light airs from NE to SEXE. Barometer steady.

B. A. Snieps
Chief Boatswain's Mate, USN

8:00 p.m. to Midnight.
Light NE airs. Barometer steady.

J. H. Krause
Carpenter (T), USN

Approved:
L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
H. Holsinger Jr
Lieutenant, USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO , 15 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SE	1	29.58	71	75	69		bc	cis		4	
2									S	1	29.58	71	75	69		bc	cis		4	
3									S	1	29.58	74	75	70		bc	ac		8	
4									SSE	1	29.58	72	75	70		cf	ac		10	
5									SSW	1	29.58	72	75	70		co	ac		8	
6									SSW	1	29.58	72	75	70		co	acu		7	
7									SSW	1	29.59	72	75	70		coz	cni		7	
8									SE	1	29.57	73	76	70		coz	as		10	
9									SE	1	29.60	70	77	67		coz	as		10	
10									SW	1	29.60	78	77	75		coz	as		10	
11									SW	1	29.60	78	76	75		coz	as		10	
12									SW	2	29.60	78	75	75		coz	as		10	
P. M.																				
1									WSW	2	29.59	77	77	75		coar	as		10	
2									WSW	2	29.59	77	76	74		cozr	n		9	
3									SSW	2	29.59	78	73	71		cozr	n		9	
4									S	2	29.57	78	77	71		ocf	as		9	
5									SSW	2	29.56	76	70	68		nicu	or		10	
6									S	1	29.57	76	68	66		cor	nim		10	
7									SSE	1	29.58	76	66	64		cor	mim		10	
8									SSE	1	29.58	76	66	64		cor	nim		10	
9									SSE	1	29.60	75	65	64		cor	nim		10	
10									SE	1	29.60	74	65	64		cor	nim		10	
11									ESE	1	29.60	75	64	62		co	scu		10	
12									ESE	2	29.60	74	62	60		co	scu		10	

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum A1 77, A2 75
Minimum 76, 75

Compass
S. H
Error
Variation
Deviation

Coal. Received / Expended 3 / On hand 148.5

Fuel oil. Received / Expended / On hand

Water. Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 15 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchor in Chicago Harbor in 19 ft. water with 25 fathoms of chain at waters edge. So. Breakwater light bearing 185° psc. Outer Breakwater light 78 psc. Light variable winds. Barometer steady.

Chief Boatswain's Mate

4:00 a.m. to 8:00 a.m.
Reveille at 5:00 a.m. turn to at 5:30 a.m. Carrying out morning orders USS YANTIC underway at 7:35 a.m. Liberty party aboard at 8:00 a.m. No absentees. Light airs froj southeast. Barometer steady.

CARpenter, (T) USN

8:00 a.m. to Meridian
Crew continuing the carrying out of the morning orders. Supernumeries instructed during drill periods in signalling and first aid work, battery drill and boat drill. Magazines inspected and conditions found normal. S.P. samples tested. USS YANTIC tied up at coal dock at 8:05 a.m. Finished coaling at 9:55 and anchored in previous berth at 9:13. a.m. Received 4100 lbs ice from Consumers Ice Co. REceived 1000 lbs bread from Burkhalter-Heath Food Co. Light northwast airs and breezes. Barometer steady.

Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
1:30 quarters and boat drill under sail until 3:00 p.m. Received from Morris and Co. 130 lbs. beef hearts. from Armour & Co. 1030 lbs. beef 59 lbs cheese. From H.C. Weaver 4 cases eggs, 300 lbs onions. From O?C. Mayer 200 lbs. pork butts, 200 lbs hamburger. From S Houston & Son, 500 lbs. corn, 150 lbs beans, 3 bunches bananas, 4 boxes oranges, 1 case blueberries. From Consumers Ice Co. 4800 lbslice. Barometer steady. Light south southwest breezes.

Chief Boatswain's Mate, USN

4:00 p.m. to 8:00 p.m.
Received from E. Kahn Co., 3435 lbs. potatos and 100 lbs frankfurters From Arnold Co. At 4:45.p.m. shift anchorage. Dropped anchor at 4:50. Captain aboard at 6:00 p.m. Liberty party ashore at 5:30 p.m. G.K. Huffine S2c, USNRF-4 left on 5 days leave of absence. CAPT. Rutter paid visit to USS ISLA DE LUZON at 7:10 Light rain. Light south southeast airs. Barometer steady.

Carpenter (T), USN

8:00 p.m. to midnight.
Anchored in Chicago Harbor in 3 1/2 fathoms of water with 30 fathoms of chain to waters edge. All of liberty party aboard by midnight. Boiler "A" steaming for auxiliary purposes. Light south southwest to west southwest airs and breezes. Barometer steady. Stopped raining at 10:45 p.m.

Ensign, USNRF-4 cec

Approved:
Lieutenant Commander, USNRF-2
Commanding Officer

Examined:
Lieutenant, (jG) USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO _____, 16 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SE	2	29.50	74	63	62	62	bc	acu		9	
2									SE	2	29.46	74	66	64	64	bv	acu		9	
3									SE	3	29.46	75	68	67	67	ocr	n		9	
4									SE	3	29.44	75	68	67	67	ocr	n		9	
5									SXE	2	29.42	74	66	66	66	ocr	n		10	
6									SEXE	2	29.42	73	64	64	64	ocr	n		10	
7									SEXS	2	29.42	73	65	66	66	oc	scu		10	
8									SEXS	3	29.43	73	68	64	60	oc	scu		10	
9			3	8	73	-	824830		ESE	2	29.43	74	67	64	64	coz	cscu		10	
10	8	3	12	1	80	2	829660		E	2	29.43	76	67	66	64	coz	as		10	
11	8	3	20	4	83	5	834656		E	1	29.42	74	68	67	66	coz	as		10	
12	8	3	28	7	80	-	839456		E	2	29.42	73	68	64	67	coz	as		10	
P. M.																				
1									NNE	2	29.43	73	64	62		coz	as		10	
2									NNE	2	29.43	72	64	62		coz	as		10	
3									NNE	2	29.44	72	64	62		coz	as		10	
4									NNE	2	29.46	72	64	62		coz	as		9	
5									NNE	2	29.50	72	64	62		coz	as		10	
6									NNE	2	29.49	74	64	62		coz	as		9	
7									NXE	2	29.49	74	64	62		cof	acu		9	
8									NXE	3	29.49	70	61	62		cof	as		10	
9									NXE	4	29.48	70	60	60		c	as		10	
10									NXE	4	29.50	70	61	59		co	cicu		10	
11									NXW	3	29.50	69	60	58		bc	cicu		8	
12									NXW	3	29.50	69	60	59		bc	ci		5	

Lat. & Long. a.m.
Noon
Lat. & Long. p.m.
Current: Set / Drift

Magazine Temperature:
Maximum A1 79 A2 76
Minimum 78 75

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 9.2 / On hand 138.8

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 16 July 1918.

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor. Passing showers of rain. Squally weather. Light southeast breezes. Barometer steady.

Carpenter(T) USN

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 carrying out morning orders, scrubbing down decks and securing ship for sea. Weighed anchor and got underway at 7:59 USS YANTIC following at 8:00 a.m. DRAFT forward 14' 1" aft 15' 10" Light southwest by south breezes. Barometer steady.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
YANTIC underway at 8:00 a.m. Luzon underway at 8:06 a.m. 8:34 PL 25 knots. Steaming standard speed of 78 rev. per min. Carter Harrison Crib abeam at 9:00 a.m. PLR 3.8 R.P.M. 73 S.P. 190. 9:16 changed course to port PLR 5.8 knots. Gross Pt light abeam at 9.47, 3 miles distant. PLR 10. 9:53 a.m. PLR 11.1, Changed course to 0° psc. 9:57 changed course to 90 psc 10:00 PLR 19.1 R.P.M. 80.5 S.P. 195. Carried on maneuvers, YANTIC sending ESSEX receiving. 11:00 PLR 20.4 R.P.M. 83.2 S.P. 200 lbs. 11:06 course 300 psc. 12:00 PLR 28.7 knots. R.P.M. 80, S. 200 lbs. Average for watch R.P.M. 79.1, S.P. 196 lbs. Light ESE to E breezes. Barometer steady.

Chief Boatswain's Mate, USN

Meridian to 4:00 p.m.
Underway on course 300 psc. 12:17 changed course to 257° psc. Reading of PL 31.1, 12:22 Capt conning. 12:25 PL taken in reading 31.7 knots. 12 12:28 p.m. YANTIC anchored. 12:30 anchored off Great Lakes, Illinois. in 3 1/2 fathoms of chain at the waters edge. Bearings as follows: Administration Bldg. Tower 272° psc. YANTIC bearing 198° psc. Draft forward 14' aft 15' 1:30 p.m. Capt. ashore. 3:15 p.m. Capt returned aboard. Light NNE breezes. Barometer steady.

Carpenter (T), USN

4:00 p.m. to 6:00 p.m.
Light variable breezes from SE to SEXE. Barometer steady.

Chief Boatswain's Mate, USN

6:00 p.m. to 8:00 p.m.
Light and gentle north by east airs. Barometer steady. Fog set in at 7:35 p.m.

Ensign, USNRF-4 cec

8:00 p:m. to Midnight.
8:50 p.m. fog cleared away. Gentle breezes from NXW. Barometer steady.

Carpenter, (T) USN

Approved:
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
Lieutenant, (jg), USNRF-1 S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, ILL. TO _____ 17 July 1918 191

L.R.Rutter, Lieut. COMDR. USNRF-2, U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind Direction	Force	Barometer Height in Inches	Tens.	Temperature Air Dry Bulb	Air Wet Bulb	Water at Surface	Clouds Weather by Symbols	Clouds Form	Clouds Moving From	Clouds Amount	Sea
A.M.																				
1									NNW	1	29.48	69	50	48		bcz	as		9	
2									NNW	1	29.48	69	50	48		bcz	as		9	
3									NNW	3	29.46	67	50	48		bcz	as		9	
4									NNW	3	29.45	67	50	48		bcz	as		9	
5									NNW	2	29.47	66	54	52		bcz	s		2	
6									NW	2	29.50	66	57	54		bc	cis		3	
7									N	2	29.50	68	59	56		bc	cis		3	
8									NXE	3	29.50	68	60	58		bc	cis		4	
9									NXE	3	29.52	68	60	58		bc	cis		4	
10									NXE	3	29.52	66	60	56		bc	cis		5	
11									NXE	3	29.53	68	60	58		bc	cis		6	
12									NXE	3	29.52	69	60	58		bc	cis		6	

Lat. Lon. Latitude / Longitude

Noon. Latitude / Longitude

P.M. Latitude / Longitude

Current: Set / Drift

Magazine Temperature: Maximum A1 78 A2 76 / Minimum 76 75

Compass / S. H. / Error / Variation / Deviation

Fuel: Received / Expended 19200 / On hand 291800

Fuel: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division	Morning	Afternoon
1		
2		
3		
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5		
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7		
8		
9		
10		
11		
12		

P.M.																				
1									NNE	2	29.52	70	61	58		bc	cis		4	
2									NNE	2	29.50	69	63	60		bc	cis		4	
3									E	1	29.49	69	64	61		bc	cis		5	
4									E	1	29.49	69	64	61		bx	cis		5	
5									EXN	1	29.48	69	64	62		bc	cis		5	
6									EXN	1	29.48	69	64	62		bc	cis		7	
7									EXN	1	29.49	69	66	64		bc	cis		6	
8									EXN	1	29.49	69	66	64		bc	cis		8	
9									S	1	29.49	72	64	62		bc	cis		8	
10									S	1	29.48	72	62	66		bc	cis		8	
11									SWXW	1	29.47	70	60	58		bc	cis		8	
12									SWXW	1	29.47	70	60	58		bc	cis		8	

b

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 17 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored off Great Lakes in 7 1/2 fathoms of water with 25 fathoms of chain at the waters edge. Administration Bldg. Tower bearing 270° psc. Waukegan Breakwater light 356° psc. Both boilers steaming. Light north northwest airs increasing to gentle breezes. Barometer falling.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Reveille at 5:00 a.m. Turn to at 5:30 a.m. carrying out morning orders Gentle north by east breezes. Barometer steady.

J. P. Krause
Carpenter (T), USN

8:00 a.m. to Meridian
Made daily inspection of magazines and S.P. samples, conditions normal. Underway at 9:54. Dropped target 10:15. Commenced firing with sub-caliber at 1030 a.m. Light North by east breezes. Barometer steady.

B. A. Snieps
Chief Boatswains Mate, USN

Meridian to 4:00 p.m.
On firing range at 1:00 p.m. Steaming at 50 R.P.M. 1:00 p.m. av. rev. 40.6 S.P. 200 lbs. Made two runs firig port battery and 2 firing s starboard battery, going off range at 1:58 p.m. 2:00 P.M. R.P.M. 55.2 S.P. 200 lbs. Stood in torward Great Lakes and dropped anchor in 4 fathoms of water at 2:08 p.m. with 25 fathoms of chain at waters edge. Soundings fore and aft 4 fathoms. USS YANTIC underway standing out toward range at 2:28 p.m. From 2 to 3:30 p.m. supernumery crew instructed in the international flags, duties of coxswains and boat-keepers, and gun nomenclature. Light north northwest breezes shifting to light east airs. Barometer falling.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 8:00 p.m.
Received canteen stores. Received from Great Lakes, 40 gal outside slate grey, 20 gal. white enamel, 60 gal. smoke stack grey paint 40 gal. grey boot topping, 50 gal. red shellac. 2 coils rope 1 wrench, 12 spanners, Chaplain Moore and visitors aboard. YANTIC anchored at 5:30 p.m. Received from Great Lakes. 160 cartridges for 3-pdr. S.P. # 518 target shells. and 10 3-pdr. ammunition chests. W.F. Blecker, QM3c USN reported aboard from leave of absence. Light EXN airs. Barometer steady.

J. P. Krause
Carpenter (T), USN

8:00 p.m. to Midnight
Variable light airs. Barometer steady.

B. A. Snieps
Chief Boatswain's Mate, USN

Approved:
L. R. Lunn
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
G. H. Halsey Jr.
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO 18 July 1918, 191

Lieut. Comdr. L.R. Rutter, USNRF, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WSW	1	29.42	66	60	58		bc	as		3	
2									WSW	1	29.43	66	60	58		bc	as		3	
3									WSW	1	29.41	66	60	58		bc	as		4	
4									WNW	1	29.42	68	63	58		bcz	cis		6	
5									WSW	1	29.42	68	62	60		bcz	cis		6	
6									WSW	1	29.43	70	62	60		bcz	cis		6	
7									NW	1	29.43	70	64	62		bcz	cis			5
8									NW	1	29.45	70	66	64		bcz	cis		7	
9									CALM	-	29.44	70	66	64		bcz	cis		7	
10					66	3	857012		CALM	-	29.44	70	66	64		bcz	cis		7	
11					41		857486		CALM	-	29.44	70	66	64		bcz	cis		7	
12									SEXE	1	29.44	70	66	64		bcz	cis		7	
P. M.																				
1									SXE	1	29.44	72	69	66		bcz	cis		4	
2									SEX	1	29.44	72	75	62		bcz	cu		3	
3									SXE	1	29.44	73	72	50		bcz	vu		4	
4									SXE	1	29.42	74	69	66		bcz	cu		4	
5									SXE	1	29.39	72	70	67		acz	cu		3	
6									SXE	1	29.38	75	70	67		acz	cu		4	
7									CALM	-	29.42	75	72	69		acz	cu		4	
8									DO	-	29.40	74	69	65		bcz	cis		5	
9									DO	-	29.40	78	70	67		bcz	cu		4	
10									DO	-	29.40	76	70	68		bcz	cu		4	
11									DO	-	29.40	75	70	68		bcz	cicu		3	
12									DO	-	29.40	75	66	66		bc	cicu		8	

Sa. m. { Latitude / Longitude

Noon { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum	A1	77	A2	78
Minimum		75		75

Compass

S. H

Error

Variation

Deviation

Coal { Received / Expended 6.9 / On hand 123.3

Fuel oil { Received / Expended / On hand

Water { Distilled / Received 416 / Expended 480 / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 16 July 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor at Great Lakes with 25 fathoms of chain at waters edge. Light WSW breezes. Barometer steady.

Carpenter (T), USN

4:00 a.m. to 8:00 a.m.
Carried out morning orders. Light variable airs. Barometer steady.

Chief Boatswain's Mate, USN

8:00 a.m. to Meridian
Crew engaged in carrying out morning orders, overhauling boats, sewing canvas, cleaning, etc. USS YANTIC underway at 9:35 a.m. standing out toward range. Weighed anchor and got underway at 9:40 a.m. heading out toward range, for observation. Repair party sent out to re-locate target. USS YANTIC let go anchor at 11:35 a.m. Magazines inspected, conditions found normal. S.P. samples tested. Supernumeries instructed in wig-wag signalling, review of ship, boat and sail nomenclature, and battery drill. Air calm. Barometer steady.

Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
YANTIC anchored at 12:20 p.m. YANTIC underway at 1:00 p.m. headed toward range. Dropped anchor at 1:30 p.m. approximately 1000 yards south of target. with 25 fathoms of chain at waters edge, standing by for observation. YANTIC on range at 1:39p.m. Quartermasters instructed in semaphore, gunners mates in manufacture of smokeless powder and coxswains in marlinespike seamanship, during drill periods. 20 men from the Officer's Material school brought aboard fro the SP 221 at 1:30 p.m. Light south by east airs. Barometer steady.

Ensign, USNRF-4 cec

4:00 p.m. to 8:00 p.m.
Underway at 1:16 p.m. Yantic anchored at 4:22 p.m. On range at 4:41 for first run. Starboard battery fired 33 shots, 21 hits, off range at 4:48, time 7 min., 25 seconds. 2nd. run on range 5:17 p.m. Port battery fired 41 shots, 13 hits, off range 5:25 p.m. time on range 7 min. 33 seconds. On range 5:46 p.m. Starboard battery fired 40 shots, 25 hits, off range 5:50 p'm. time 3 min. 30 seconds. 4th run port battery fired 22 shots, 6m hits , time 3 min. 41 seconds. 5th run port battery fired 18 shots, 11 hits, time 2 min. 45 seconds. off range 5:49, secure 6:50. 6:57 p m. YANTIC underway Anchored at 7:30 in 4 fathoms of water with 25 fathoms of chain at waters edge. Yantic anchored at 7:45 p.m. Light SE airs. Barometer steady.

Chief Boatswain's Mate, USN

8:00 p'm. to Midnight.
Weather calm. Barometer steady.

Ensign, USNRF-4 cec

Approved: Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: Lieutenant, (jg), USNRF-1
U.S.N. Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO , 19, July 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-1, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.41	75	61	53		bc	cis		5	
2									SW	1	29.42	75	67	64		bc	cis		5	
3									SWXW	1	29.42	75	67	64		bc	cis		5	
4									SWXW	1	29.42	75	66	63		bc	cis		5	
5									WSW	1	29.43	75	66	65		bcz	s		3	
6									WSW	1	29.44	75	66	64		bcz	s		3	
7									SW	1	29.45	75	69	66		bcz	ci		2	
8									S	1	29.45	75	68	66		bcz	cis		4	
9									SXE	1	29.45	76	69	67		bc	cicu		8	
10									SXE	1	29.46	77	74	71		bc	cicu		5	
11									SSE	1	29.45	72	72	70		bc	cicu		5	
12									SXE	1	29.45	76	76	73		bc	cu		5	
P. M.																				
1									ESE	1	29.46	76	73	70		bcz	cu		4	
2									SE	1	29.46	77	73	70		bcz	cu		3	
3									SE	1	29.46	77	74	71		bcz	cu		3	
4									S	1	29.46	77	73	70		bcz	cu		3	
5									S	1	29.43	77	73	70		ncz	cu		3	
6									S	1	29. 43	76	78	75		bc	cu		3	
7									SXE	1	29.43	79	73	79		bc	cu		3	
8									SXE	1	29.44	80	78	69		bc	cu		3	
9									SXE	1	29.44	80	71	69		bc	cis		3	
10									SXE	1	29.44	80	71	79		bc	cis		3	
11									SXE	1	29.45	80	71	69		bc	ciw		3	
12									SXE	1	29.45	80	72	70		bc	cis		3	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 78 A2 76

Minimum 77 75

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 7 / On hand 116.3

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended 448 / On hand 1472

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 19 July /1918

REMARKS.

Commences and until 4:00 a.m.
Light SWXW airs. Barometer steady.

B. W. Snieps
Chief Boatswain's Mate, USN

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:15 and engaged in genaral field day. Supernumeries scrubbing hammocks, lashings and clews. Light variable airs . Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

8:00 a.m. to Meridian
9:30 Capt. Rutter ashore. 9:50 underway to take on water. 10:07 filling tanks? 10:20 tanks filled? 1440 gal. Received from Great Lakes. 5000 Ball cartridges 30 cal. Krag. 32 Cartridges saluting, 3-pdr. 2 3½pdr ammunition chests. Trans ered to Great Lakes, 2m 3-pdr. ammunition chests. 32 3-pdr. Cartridge cases empty. 11:29 a.m. Gopher anchored. 11:30 Capt aboard. Light SXE airs. Barometer steady.

J. J. Krause
Carpenter (T) USN

Meridian to 4:00 p.m.
Tested life buoys and magazine flood cocks, and found same to be in good working order. Made fort-nightly test of S.P. samples, found same in good condition. Light variable airs. Barometer steady. Gopher underway at 3:15 . Received from supply depot, Great Lakes, 495 lbs. apricots, 340 lbs. String beans, 1000 lbs. Coffee 490 lbs. wheat flour. 300 lbs. macaroni, 495 lbs peaches. 45 lbs. pepper, 360 lbs. corn beef, 500 lbs salt, 1000 lbs. sugar.

B. W. Snieps
Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 p.m.
Crew engaged in scrubbing hammocks and scraping and painting boats Light south airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4

6:00 p.m. to 8:00 p.m.
Crew engaged in scrubbing bags and painting boats. Swimming party from 7:00 p.m. to 7:30 p.m. Light south by southeawt airs. Barometer steady.

G. H. Holsinger
Lieut. (jg) USNRF-4

8:00 p.m. to Midnight.
Light air shifti g from south to southeast. Barometer steady.

J. J. Krause
Carpenter (T), USN

Approved: L. R. Rutter
Lieutenant Commander, USNRF- 2
Commanding Officer.

Examined: G. H. Holsinger
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO 20 July 1918, 191.

L.R. Rutter, Lieut. Comdr/ USNRF, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.									SXW	1	29.50	74	72	70		bcz	cis		5	
1									SXW	1	29.50	73	71	69		bcz	cis		5	
2									SXW	1	29.50	73	70	68		bcz	cis		5	
3									SXW	1	29.50	72	70	68		vcz	cis		4	
4									SXW	1	29.50	74	75	63		bc	cis		5	
5									SW	1	29.50	78	70	74		bcz	cis		8	
6									SW	1	29.51	77	80	79		bcz	cis		8	
7									SWXW	1	29.51	78	82	79		bcz	cis		8	
8									SWXW	1	29.58	78	82	79		bcz	as		8	
9									SW	1	29.54	82	82	79		bcz	as		8	
10									SW	1	29.54	82	82	79		bcz	as		8	
11									SW	1	29.54	82	82	79		bcz	as		8	
12									SW	1	29.54	82	82	79		bcz	as		8	
P. M.																				
1									SW	1	29.55	84	86	83		bcz	cis		8	
2									SWXS	1	29.55	84	87	84		bcz	cis		3	
3									ESE	1	29.54	84	86	84		bcz	cis		4	
4									SE	1	29.53	82	74	73		bcz	cis		4	
5									SS$	1	29.55	82	76	73		bcz	cis		5	
6									SSE	1	29.55	82	73	74		bvz	cis		3	
7									SSE	1	29.53	82	73	70		bcz	cis		4	
8									SSW	1	29.53	83	72	70		bcz	cis		3	
9									SSW	1	29.55	82	75	69		bcz	cis		3	
10									SSW	1	29.55	82	75	74		bcz	cis		3	
11									SSW	1	29.57	82	75	72		bcz	cis		3	
12									SSW	1	29.57	82	75	72		bcz	cis		3	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

	A1	A2
Maximum	78	77
Minimum	77	76

Compass

S. H

Error

Variation

Deviation

Coal { Received / Expended 4.0 / On hand 111.6

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 20 July 1918, 191

Meridian to 4:00 p.m. (continued)
Men received from the Coxswain's School:

Christensen,	Mullins, G.J.	Schulte, W.H.	Wagner, V.C.
Keating, H.J.	Mack, H.L.	Skutt, R.	Weatherly, C.B.
Knock, E.P.	Noble, M.A.	Seay, F.W.	Yoas, R.G.
Lawrence, R.E.	Overpeck, H.L.	Tullis, C.R.	Yoas, H.A.
Lemker, R.C.	O'Donnell, J.B.	Technow,O.	Yost, M.W.
Long, M.E.	Patter, G.A.	Taylir, J.J.	Ziegler, G.E.
Luepke, U.H.	Purple, F.A.	Theroux, W.	StOnzie, F.J.
Loebe, E.F.	Randt, E.L.	Trester, G.R.	Anderson, M.P.
McFaul, T.	Rosmer, W.J.	Taylor, H.M.	Bestle, H.R.
Matthews, A.E.	Smith, R.S.	Tuncil, A.A.	Sicking, E.
Moinet, R.C.	Schornstedt,L.C.	Wernet, H.A.	Wood, W.B.
		Wolfe, B.L.	Smullin, W.D.

Men received from the Quartermasters school.

Aronheim, R.E.	Burnett, H.	Frye, E.K.	Schyan, C.H.
Anderson, H.P.	Clark, H.G.	Grady, E.J.	Shomaker, O.E.
Breithaupt, C.	Clayton, W.C.	Grimsley, A.H.	Smith, W.
Burke, J.A.	Curran, W.J.	Hedlund, R.B.	Thomas, J.R.
Baker, .J.	Deutsch J.L.	Johnson, H.E.	Williams, B.T.
Baxter, A.J.	Deinema, J.J.	Lorvig, O.J.	Waller, L.W.
Birt, H.R.	Davis, R.C.	Martin, E.G.	White, G.B.
Bodkin, H.T.	Faust, J.E.	Reeser, P.C.	Zorn, B.C.
Bowen, E.	French, H.C.	Reinhart, N.H.	Engle, C.J.
Brooks, J.L.	Frehch, R.L.	Schmitt, G.K.	Foster, E.

All supernumeries billeted and given first instruction. Received from Great Lakes, 1 new 10 oar cutter, Light variable airs. Barometer steady.

L. C. Crowell
Ensign, USNRF-4 cec

4:00 p.m. to 8:00 p.m.
4;15 swimming party off starboard side of ship. 4:45 retreat from swimming 6:00 p.m. Capt. RuttermSahore. Light SSW airs. Barometer steady.

F. V. Krauz
Carpenter (T), USN

8:00 p.m: to 12:00 midnight.
Anchored off Great Lakes, Ill. Light south southwest airs. Barometer slowly rising.

B. A. Sniffen
Chief Boatswain's Mate, USN

Approved: L. R. Rutter
Lieutenant, Commander, USNRF-2
Commanding Officer.

Examined: E. L. Halsey
Lieutenant, (jg), USNRF-1 N., Navigator.

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(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ADDITIONAL SHEET.

Men received from the quartermaster's school:

UNITED STATES SHIP ESSEX 20 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored off Great Lakes, Ill, in 4 fathoms of water with 25 fathoms of chain at the waters edge. Both boilers steaming. Light south by west and southwest airs. Barometer steady.

C. C. Crane Jr
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Reveille at 5:00 a.m. Turne to at 5:30 a.m. carrying out morning orders/
Light SWXW airs. Barometer steady.

A. H. Krause
Carpenter (T), USN

8:00 a.m. to Meridian.
9:00 a.m. Capt Rutter and Mr Bow er ashore. Supernumeries set ashore as follows: Men from the Gunners Mates school.

Lewis, K.	Doskocil, W.J.	Horak, F.J.	Laski, W.F.
Adams, H.E.	Edgar, H.	Herz, L.A.	Laws, M.
Airey, J.J.	Edwards, D.E.	Hassett, H.P.	Minnich, D.S.
Alport, I.	Evans, W.F.	Hassett, C.F.	Mills, C.F.
Block, K.C.	Endres, F.	Ians, H.R.	Murray, J.G.
Boardman, R.	Ewald, W.J.	Jastram, M.D.	MCGuire, W.E.
Breckenreid, J.	Fennal, F.	Jones, E.W.	Nelson R.H.
Bridgewater, A.	Flaherty, J.T.	Johnson, E.E.	Page, W.H.
Brownell, W.D.	George, E.A.	Jordan, W.T.	Patterson, G.R.
Buchbinder, W.	Greenfield, W	Kountz, C.F.	Perry, A.H.
Dodd, ML	Hylander, S.E.	Krancihfield, A.	Phillipss F.E.
		Svendsen, O.A.	Pine, A.

Men from the Coxswains school;

Thompson, M.L.	Dulak, E.J.	Hilligas, M.J.	Kelly, J.J.
Austin, G.	Engelland, H.E.	Hilligas, H.F.	Lacey, M.G.
Ash/ E.	Erickson, C.S.	Hutchinson, H.F.	Lavin, B.F.
Baird, R.	Frank, L.A.	Huxtable, G.D.	Lonergan, J..
Bonsall, C.	Huber, J.T.	Johnson, E.S.	Maher, W.J.
Bertman, M.	Hamel, P.C.	Jones, R.G.	Miller, C.E.
Davis, C.C.	Keefe, J.A.	Jordet, O.E.	Moog, G.F.
Danner, B.D.	Haurer, G.	Kaufman, W.	McDanniel, H.E.
Deckard, K.H.	Harper, L.L.	Keating, R.S.	
Doyle, T.	Hartigan, M.J.	Keller, G.C.	

Men from the Quartermasters School.

Ladd, S.B.	Court, L.A.	Miller, M.R.	Bradford, W.J.
Marsh, W.J.	Craig, B.C.	Pharris, J .L.	Campbell, W.
Moynihan, H.J.	Durkin, N.B.	Schuermerman, H.	Daly, J.E.
Peterson, E.O.	Godfrdy, T.J.	Walsh, R.	Fuche, W.R.
Smith, H.A.	Hammond, L.B.	Williams, J.	Gillis, W.E.
Walter, O.C.	Hamly, S.M.	Albert, L.R.	Gurley, H.E.
Albertsson, E.C.	Hennssey, J.R.	Andrews, F.J.	Harrigan, J.E.
Bowsher, H.R.	Hane, S.L.	Bagley, J.R.	Harris, N.E.
Bruesch, A.E.	Jenkins, E.L.	Benson, N.M.	Hegerty, D.
		Byer, G.M.	Hurley, R.A.

Light southwest airs. Barometer steady /

Carpenter, (T) USN

Meridian to 4:00 p.m.
At 1:15 received aboard draft of supernumeries for three weeks training as follows: 46 from the Gunners Mates school.

Hunt, L.E.	Chinouth, W.N.	Gibbs, L.R.	Ladouce, E.D.
Allison W.G.	Clarke, R.E.	Gittings, J.E.	Lawrence, E.J.
Albert, E.	Cunico, C.F.	Goldeb, L.F.	Lindhart, H.J.
Aman, A.E.	Damers, W.F.	Glick, J.W.	Litten, C.D.
Beach, L.D.	Davis, B.T.	Graham, G.H.	Maddox, E.A.
Benjamin, I.	Durkins, P.E.	Grizzle, R.C.	Maile, M.W.
Bullock, M.F.	Edwards, D.	Hartenstine, E.E.	Mason, R.L.
Brown, E.L.	Elwatrtz, O.J.	Henderson, P.I.	Michelson, M.
Cabana, F.E.	Erickson, A.	Igel, T.	Preston, E.W.
Cahn, J.	Forrester, W.	Keating, J.	Stover, W.R.
Calloway, R.	Frochtenigh, A.J.	Labeau, J.A.	Colley, O.
Davis, W.D.	Mead, T.E.		

Approved:
L. R. Rutter
Lieutenant Commander, USNRF-2
Commqnding Officer.

Examined:
E. Watson Jr
Lieutenant, (JG) USNRF-1 N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO Chicago, Ill. 21 July, 1918 191

L.R.Rutter, Lieut. Comdr/ USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWXS	1	29.57	81	75	72		bcz	cis		2	
2									SSW	1	29.56	78	72	70		bc	cis		2	
3									SSW	1	29.57	78	72	70		bc	cis		2	
4									SSW	1	29.57	78	72	70		bc	cis		2	
5									SXW	1	29.58	78	73	70		bc	cis		3	
6									S	1	29.59	78	73	70		bcz	cis		3	
7									S	1	29.57	77	70	67		bcz	cis		3	
8									SW	1	29.59	78	76	73		bcz	viw		3	
9									SW	1	29.59	77	76	74		bcz	cis		3	
10									SWXS	1	29.58	80	82	79		bcz	cis		3	
11									SWXS	1	29.57	80	84	81		bcz	cis		3	
12									SWXS	1	29.57	80	86	83		bca	cis		3	
																bcz				
P. M.																				
1									SXW	2	29.57	84	86	83		bcz	cu		2	
2									SXW	2	29.57	84	86	82		bcz	cu		3	
3	8	-	8	-	81	5	875212	148	SEXS	2	29.54	80	84	80		bcz	cu		3	
4	8	4	16	4	83	5	880231	148	SEXS	2	29.50	80	84	80		bcz	cu		3	
5	8	5	24	9	85	-	885331	175	SXE	2	29.52	80	84	81		bcz	cu		4	
6									SXE	2	29.54	80	84	81		bcz	cu		4	
7									SXE	2	29.54	86	78	75		bcz	cu		4	
8									SXE	2	29.54	82	76	73		bcz	cu		7	
9									SXE	2	29.54	82	76	72		bcz	cu		5	
10									SSW	1	29.55	82	75	80		bcz	cu		2	
11									SSW	1	29.56	82	83	80		bcz	cu		4	
12									SSW	2	29.56	82	83	78		bcz	cu		2	

Noon. { Latitude / Longitude

P. M. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum A1 79 A279
Minimum 76 77

Compass
S. H.
Error
Variation
Deviation

Coal. { Received / Expended 5.7 / On hand 106.5

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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Lieutenant Commander, USNRF-2
Commanding Officer.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 21 July 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor off Great Lakes, Ill., in 4 fathoms of water with 25 fathoms of chain at the waters edge. Light SSW airs. Barometer steady.

Carpenter (T), USN

4:00a m. to 8:00 a.m.
Crew turned to at 5:30 carrying out morning orders. Light south airs. Barometer steady.

Chief Boatswain's Mate, USN

8:0° a.m. to Meridian.
Crew engaged i; carrying out morning orders. Swimmimg party held between 11:00 and 11330 a.m. Magazines inspected and conditions found normal. SP.P. Samples taken. Light southwest and south by west airs. Barometer steady.

Ensi gn, USNRF-4 cec

Meridia to 4:00 p.m.
Capt. Rutter aboard at 1:45 p.m. Draft of ship forward, 13' 6" aft, 15' 11". Underway at 1:55 p.m. YANTIC underway at 1:57 p.m. taking position 400 yards astern, 2:00 p.m. put out patent log, reading 0. Changed course to 148° psc at 2:04 p.m. PLR .04 3:00 p.m. PLR 8. steam 200 lbs. REV. 81.5 4:00 p.m. PLR 16.4 , Barometer steady.

Chief Boatswain's Ma te, USN

4:00 p.m. to 8:00 p.m.
Steaming standard speed of 85 R.P.M. course 175 psc. 5:00 p.m. PLR 24.9 knots, R.P.M. 85, S.P. 200 lbs. Took ij PL at 3:06 p.m. reading 2 25.8 knots. Dropped anchor in Chicago Harbor at 5:30 p.m. in 4 fathoms of water with 25 fathoms of chain at the waters edge. USS YANTIC anchored at 5:302 p.m. Huffined G.K. S2c rpported aboard from leave of absence at 6:00 p.m. Received from Burkhalter-Heath Co. 400 lbs. bread for commissary. Libertiesparties shoved off at 6:00 and 6:3o p.m. The foblowinf neamed men transfered with baggage to Camp Grant Park. Walsh, F.A., CBM USNRF-2; Johnson, G.G., BM2c, USNRF-2; Anderson, W.K., QM1c, USNRF-2; O'Rourke, Cox, USNRF-2; Ostenzie, Fred, Sea, USNRF-4; Hill, F., QM2c, USN; Swain, E.E., QM3c, USN; Clough, H.F., QM3c, USN Bell, John, BM2c, USN; Brosamer, G.H., Cox, USN. Swimming party from 7:30 to 8:00 p.m. Light southeast breezes. Barometer steady.

Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
Light variable airs. Barometer steady.

Ensign, USNRF-4 cec

Approved:

Lieutenant Commander, USNRF-2
Commanding Officer

Examined:

Lieutenant, (jg), USNRF-1 S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Ill. TO 22 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Hour.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Force.	Barometer. Height in Inches.	Ther. Ar.	Temperature. Air Dry Bulb.	Air Wet Bulb.	Water at Surface.	Weather by Symbols.	Clouds. Form.	Moving From.	Amount.	Sel.
A. M.																				
1									SW	2	29.56	82	81	78		bcz	cis		2	
2									SWXS	2	29.55	82	80	77		bcz	cis		2	
3									SWXW	2	29.57	82	79	76		bcz	cis		2	
4									SWXW	2	29.56	81	81	78		bcz	cis		2	
5									SWXW	2	29.56	80	80	78		bcz	cis		2	
6									SWXW	2	29.56	80	80	76		bcz	cis		2	
7									SWXW	2	29.53	80	80	76		bcz	cis		2	
8									SWXW	2	29.59	80	79	76		bcz	cis		5	
9									SWXS	2	29.62	82	82	79		bcz	cis		4	
10									SWXS	2	29.52	83	83	80		bcz	cis		4	
11									S	2	29.52	83	83	80		bcz	cis		4	
12									S	2	29.62	83	83	80		bcz	cis		4	
P. M.																				
1									SW	1	29.59	84	82	79		bvz	cis		4	
2									SW	1	29.58	84	86	83		bcz	cis		4	
3									SWXS	1	29.56	85	88	85		bcz	cicu		4	
4									SSW	2	29.55	85	88	85		bcz	cicu		4	
5									SSW	2	29.55	86	88	85		bcz	cicu		5	
6									S	1	29.53	86	87	84		bcz	cis		5	
7									SXW	1	29.55	88	86	83		bcz	cis		5	
8									SSE	1	29.55	85	77	74		bcz	cis		8	
9									SSE	1	29.58	84	74	71		bcz	cis		8	
10									SXE	1	29.59	84	74	71		bcz	cis		8	
11									SXW	21	29.60	85	80	77		bcz	cis		8	
12									SXW	2	29.58	83	80	77		bcz	cis		8	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures: Maximum A1 80 A2i 77; Minimum 79 77

Compass

Sounding Machine

Error

Variation

Deviation

Coal { Received / Expended 9.L / On hand 168.8

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 22 July 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor at Chicago iLL. SWXW light breeze. Barometer steady.

B A Sniegs
Chief Boatswain's Mate, US N

4:00 a.m. to 8:00 a.m.
Crew turned to t 5:30 a.m. carrying out morning orders, getting ready for coaling ship. One 10 oar 28 ft. cutter delivered to Commodore. S.A. Haines, LIEUT. (jg) USNRF-4 Transfered from ship, left with baggage and orders at 8:00 q.m. USS YANTIC underway for coal dock at 7:45 a.m. Light southwest breeze . Barometer steady.

C. C. Crane Jr.
Ensign USNRF-4 cec

8:00 a.m., to Meridian.
Yantic underway at 8:00 a.m. Yantic moored tocoal dock at 8:10 a.m. Liberty party returned on time except M. Martin, J.C. Beimer and J. Jackson. Returned 1:10 min. overtime. Yantic underway atm9:00 a.m. Yantic at anchor at 9:10 a.m. Capt. Rutter aboard at 9:12 a.m. 10:19 up anchor 10:32 q.m. docked at Pittsburg Coal Dock. 10:38 taking on coal. Draft 15' 7" forward 13' 7". After coaling draft aft 15' 11" forward 14' . 11:25 coal all aboard Received 80 tons coal. 11:45 underway 12:00 noon anchored. Light S breeze Barometer steady.

J. C. Krause
Carpenter, (T), USN

Meridian to 4:00 p.m.
Received of Chas. W. Trigg Co. 170 lbs white fish. C.H. Weaver Co. 4 tubs butter, 6 cases eggs, 300 lbs onions. Armond Bros. 100 lbs. fruit. Armour Co. 930 lbs beef, 150 lbs. uncheon meat 100 lbs beef liver, 150 lbs pork sausage, Burkhalter- Heath Food Co. 1000lbs bread. S. Houston & Son 3 bunches, bananas, 4 boxes oranges, 3 cases peaches, 15 watermelons. 150 lbs sweet corn. E Kahn Co. 1416 lbs. potatos. O.F. Maher 200 lbs Pork butts, 200 lbs hamburger. Barometer steady. Light variable aris.

B A Sniegs
Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 .m.
Received canteen stores. Received 7 tons ice from Consumers Ice Co. Liberty party shoved off at 4:00 5:00 andn6 :00 p.m. Light SSW breeze. Barometer steady. Brice, K.C. GM3c, USN reported aboard at 5:00 p.m. with transfer papers from Commodore

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m., to 8:00 p.m.
6:00 p.m. Capt. Rutter ashore. 6:40 p.m. J.R. Norbeck, Bsmth1c, USN Transfered to Receiving ship, Great Lakes, Ill. Swimming call at 6:45 p.m. Retreat at 7:05 Light SSe airs. Barometer steady.

J. C. Krause
Carpenter (T), USN

8:00 p.m. to Midnight.
8:45 p.m. C. Swanson, Csmth2c, USN transfered to Receiving ship Philadelphia, Pa. Light SSW breezes. Barometer steady.

J. C. Krause
Carpenter, (T), USN

Approved: L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: E. Halsey Jr
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, To TO Great Lakes, ILL. 23 July 1918. 191

L.R.Rutter, Lieut. Comdr., USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Therm. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SXW	2	29.61	84	78	75		bcz	cis		8	
2									SXW	3	29.60	83	78	75		bcz	cis		8	
3									SW	2	29.58	83	78	75		bcz	cis		8	
4									SW	1	29.54	83	76	73		bcz	cis		8	
5									SWXW	1	29.55	83	75	72		bcz	cis		8	
6									SSW	1	29.56	83	77	74		bcz	cis		8	
7									SSW	1	29.58	82	77	74		bcz	cis		7	
8									SSW	1	29.56	82	77	75		bcz	cis		8	
9									SXW	1	29.55	83	81	78		bcz	cis		8	
10									SEXS	1	29.55	83	80	77		bcz	cis		8	
11					71	6	890480	var/	SEXS	1	29.55	81	79	76		bcz	cis		8	
12			8	3	88		895760	322	SEXS	1	29.55	81	82	79		bcz	cis		8	
P. M.																				
1	9	1	17	4	87	1	900988	322	SEXS	1	29.55	81	75	72		bcz	cu		8	
2					84	5	905798	var	S	1	29.55	82	70	69		bcz	cun		9	
3										-	29.54	81	79	77		bcz	cis		9	
4										-	29.54	82	74	72		bcz	acu			
5									N	3	29.52	82	74	72		bcz	acu		9	
6			7	2	79	5	910680	20	NNE	2	29.53	78	70	68		bcz	acu		7	
7	8	2	15	4	80	-	915480	20	NNE	2	29.54	78	71	69		ocz	scu		10	
8	7	9	23	3	75	1	919990	20	NE	2	29.52	78	70	68		ocz	scu		10	
9	7	9	31	2	80	-	924790	20	NE	2	29.52	75	70	68		ocz	scu		10	
10	8	4	39	6	80	-	729590	20	NE	2	29.52	74	70	68		ocz	acu		10	
11	8	1	47	7	80	2	924400	20	ENE	1	29.52	74	70	68		ocz	acu		10	
12	8	3	56	-	80	-	939200	20	E	1	29.52	74	70	68		ocz	acu		10	

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures: A1 Maximum 82 Minimum 81 A2 Maximum 78 Minimum 77

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 6.4 / On hand 162.4

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 25 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago harbor in 4 fathoms of water with 25 fathoms of chain at the waters edge. Light and gentle south by west breezes shifting to southwest. Barometer steady.

C. C. Crowley
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
5:00 reveille, turne to at 5:30 a.m. carrying out morning orders. Liberty party returned on time no absentees. Light SSW airs. Barometer steady.

J. L. Krause
Carpenter, (T), USN

8:00 a.m. to Meridian.
Made daily inspection of magazine and S.P. samples? conditions normal. GOPHER underway 8:20 Yantic underway 10:33 a.m. Essex underway at 10:41 85 turns standard speed. 11:50 R. 71.6 S. 190 lbs. 11:12 changed course to 3:48 Carter Harrison Crib abeam changed course to 322° psc. at 11:57 a.m. PLR 8.1 k. 12:00 PLR 8.3 k., R.P.M. 88, S.P. 200 lbs. Miles made good for watch 10. Light variable airs. Barometer steady.

B. A. Grieps.
Chief Boatswains Mate, USN

Meridian to 4:00 p.m.
Steering course 322° psc at standard speed of 85 R.P.M. 1:00 p.m. PLR 17.4 k., R.P.M. 88, S.P. 200 lbs. Fort Sheridan Tower abeam at 1:26 p.m PL taken in at 1:35 p.m. reading 25 k. 2:00 p.m. R.P.M. 84.5 S.P. 200 lbs. Dropped anchor off Great Lakes at 2:09 p.m. in 4 1/4 fathoms of water with 25 fathoms of starboard anchor chain at waters edge. Draft forward 14' 1" aft 15' 11" U.S.S. GOPHER bearing north by west 800 yds. distant. U.S.S. YANTIC 460 yds. astern at 2:24 p.m. Parker, J. WT, USN left ship at 2:40 with transfer papers to receiving ship, Philadelphia, Pa. Administration Bldg. Tower bearing 307° psc. Camp Paul Jones Water tower 33o psc. North windmill 232 psc. Supernumeriss instructed as follows Quaretermasters, ship nomenclature; Coxswains ship routine and regulations; Gunnersmates, gun nomenclature. Thunder showers from 1:30 to 1:45 p.m. variable airs and winds. Barometer steady.

C. C. Crowley
Ensign, USNRF-4 cec

4:00 p.m. to 6:p.m.
The following named men reported on board for temporary duty from Great Lakes. Riddle, J.L. S2c, USN; O'Neil, S2c, USN; Coleman, T.E. S2c USNRF; Roberts, E.D. Y2c, USN; Montgomery, R.E. HA2c: Gening, G.E. Y1c, USN; Weisman, M. Y1c, USN; Beede, L.J. Y2c, USN; McDonald, A.J. PM2c, USN; Necasak, T.H. Y3c, USN; Caraher, E. Y3c, USN; Shork, P.E. Y3c, USN Bright, W.T., S2c, USN; Solon, B.M. HA1c; 4:55 Yantic underway 5:00 Essex underway in Lake Michigan. Course 20 psc. 5:14 p.m. PLR 7.2 R. 79.5 S. 200 Light NNe airs. Barometer steady.

J. L. Krause
Carpenter, (T), USN.

6:00 p.m. to 8.00 p.m.
7:00 p.m. PLR 15.4 R.P.M. 80, S. 195 lbs. Issued to draft 12 blankets 12 hammocks, clews and lashings. 8:00 R.P.M. 75 S. 185 lbs. average for w watch RP.M. 78.2, S. 195 lbs. Light NEairs. BArometer steady.

B. A. Grieps
Chief Boatswian's Mate, USN

8:00 p.m. to Midnight.
Steering course 20° psc at standard speed of 80 R.P.M. USS Yantic following 400 yds astern. 9:00 p.m. PLR 31.2 k., R.P.M. 80, S.P. 195 10:00 p.m. PL 39.6, R.PM. 80, S.P. 195 lbs. 11:00 p.m. PLR 47, 7.k/, R.P.M. 80.2 S.P. 195 lbs. 12:00 mid. PLR 56. R.P.M. 80, S.P. 200 lbs. For watch Av. R.P.M. 80 S.P. 195 lbs. Miles made good 39.2 Light northwest breezes shifting to light east airs. Barometer steady.

C. C. Crowley
Ensign, USNRF-4 cec

Approved: L. R. Sutton
Lieutenant Commander, USNR
Commanding Officer.

Examined: G. H. Watson, Jr.
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO S. Manitou Isle, Mich. 24 July 1918

L.R. Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	5	64	5	80	-	944000	20	N	1	29.52	76	69	67		bcz	cis		8	
2	8	5	73	-	80		948800	20	NXW	1	29.50	76	68	66		bcz	scu		8	
3	8	4	81	4	80		9538600	20	NXW	1	29.52	75	66	64		bcz	cicu		8	
4	8	8	87	8	80		958400	20	NXE	2	29.52	75	66	64		oz	cicu		9	
5	8	5	98	3	80		963200	20	NE	1	29.52	75	66	64		oz	acu		10	
6	8	2	6	5	80		968000	20	ENE	1	29.52	75	68	66		oz	acu		10	
7	8	4	18	9	80		972800	20	ENE	1	29.52	76	68	66		bcz	scu		9	
8	8	6	23	5	80		977600	20	ENE	1	29.52	76	66	64		bcz	scu		9	
9	8	-	31	5	80		982400	20	EXN	1	29.50	76	69	67		ofz	scu		10	
10	8	3	39	8	80		987200	20	E	1	29.49	74	72	70		ofz	scu		10	
11	8	5	48	3	80		992000	20	E	1	29.50	74	76	74		ocz	scu		10	
12	8	2	56	5	80		996800	20	EXN	1	29.51	76	70	68		ocz	scu		10	
										1										

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

	A1	A2
Maximum	82	80
Minimum	78	77

Compass

S. H

Error

Variation

Deviation

Coal { Received / Expended 28. / On hand 134.4

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Quartermasters	
2	1st aid ins-.	
3	truction	
4	General duties	
5	Coxswains	
6	Gun nomenclature	
7	Gunners Mat es	
8	ship routine	
9	and nomenclature.	

P. M.																				
1	8	3	64	8	8D		001600	20	NE	1	29.48	76	71	68		bcf	scu		10	
2							006371	15	NEXE	1	29.48	77	82	79		bcf	scu		9	
3									NEXE	1	29.49	77	84	81		bcf	ahs		10	
4									CALM	-	29.45	78	83	80		as	as		10	
5									DO	-	29.45	79	78	75		as	as		10	
6									DO	-	29.45	79	78	72		as	as		8	
7									W	1	29.43	80	76	73		as	as		10	
8									W	1	29.44	80	76	73		as	as		10	
9									W	1	29.44	79	75	72		as	as		10	
10									NW	1	29.44	78	75	68		as	as		9	
11									CALM	-	29.46	77	71	69		as	as		9	
12									DO	-	29.46	78	72	69		as	as			

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 24 July 1918

REMARKS.

Commences and until 4:00 a.m.

Steaming inLake Michigan on course 200 psc, 1:00 a.m. PLR 64.5, R.P.M. 80 S.P. 200 lbs. 2:00 a.m. PLR 73, R.P.M. 80 S. 200 lbs. 3:00 a.m. PLR 81.4 R.P.M. 80, S 200 obs. 4:00 a.m. PLR 89.8, R. .M. 80 S. 200 lbs. Average for watch, R.P.M 80, S. 200 lbs. Light north by west to north by east airs. Baromete steady.

J P Krause
Carpenter (T), USN

4:00 a.m. to 8:00 a.m.

5:00 pLR 98.3 R.P.M. 80, S. 190 lbs. Reveille 5:00 a.m. 5:30 turn to carrying ut morning orders. 6:00 pLR 106. 5 R.P.M. 80, S. 200 lbs. 7:00 PLR 114.9, R.P.M. 80 S. 200 lbs. 8:00 a.m. PLR 123,5 R.P.M. 80 S. 195 Average for watch R.P. M. 80, S. 195. Miles made good 40.33 Variable light airs. Barometer steady.

B A Sneyd
Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.

Steering course 20° Psc at standard speed of 80 R.P.M. USS YANTIC 510 yds. astern at 8:00 a.m. Light low lying fog. 9:00 a.m. PLR 131.5 R.P.M. 80, S.P. 195 lbs. Fog lifted slightly at 9:30 a.m. 10:00 a.m. PLR 139.81 R.P.M. 80, S.P. 195 lbs. USS YANTIC 2400 yds. astern 11:00 a.m. PLR 148.3, R.P.M. 80, S.P. 195 lbs. For watch R.P.M. 80 S.P. 195, Took bow and beam bearing on Pt. Betsy light approximately 3.6 miles distant when abeam at 11:28 a.m. Miles made good 39.6 . Magazines inspected and conditions found normal. S.P. Samples taken. Emptied fresh water tanks and took on 3072 gals. of water. Supernumeries instructed during drill periods. Light east to south east airs. Barometer steady.

C. C. Crone Jr.
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

Steaming on course 200 psc at standard speed of 80 R.P.M. USS YANTIC 8000 yards astern at 12:55, sighted So. Manitou Island dead ahead at 1:15 . Changed course to 55 psc at 1:54 p.m. South Manitou light abeam, hauled in patent log reading 72.2. Capt. Conning. Steering various courses and speeds at 2:05 p.m. anchored in 8 1/2 fathoms of waterwith 40 fathoms of chain at the waters edge. Bearings are as follows. So. Manitou light 166° psc Engine stack on dock, 324° psc. Draft of ship forward 14' 1" aft 15' 7" Yantic anchored 350 yds. off our starboard quarter at 3:55. Sent swimming party ashore, Mr Crone in charge. Light NE airs. Barometer steady.

H. J. Potka
Chief Quartermaster, USN

4:00 p.m. to 8:00 p.m. 4:15 p.m. Capt. Cooper aboard. Left ship at 5:10 Swimming party aboard at 5:10. Base-ball party of 23 men ashore at 6:35 Light west airs. Barometer steady.

J P Krause
Carpenter (T), USN

8:00 p.m. to midnight.

Base-ball party returned at 8:25 p.m. Calm. Barometer steady.

B A Sneyd
Chief Boatswain's Mate, USN/

Approved:
L. R. Cutter
Lieutenant Commander, USNR
Commanding Officer.

Examined:
F. L. Waldron Jr.
Lieutenant, (jg), USNRF-11
U.S.N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM So. Manitou Isle. TO ____, 25 July 1918, 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour.	Knots.	Revolutions.	Average Revs.	Revolutions.	Average Revs.	Revolutions.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Thermometer.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Motion.	Clouds. Amount.	Sea.
A. M.																				
1									Calm	-	29.46	77	70	68		cf	ss		10	
2									do	-	29.45	77	80	66		cdf	n		1	
3									do	-	29.45	77	70	68		cf	n		10	
4									do	-	29.44	77	70	68		cdf	nas		10	
5									WSW	1	29.45	77	70	68		ccf	ss		10	
6									WSW	1	29.45	77	70	70		cfz	ss		10	
7									NNE	1	29.46	78	72	70		cfz	ss		10	
8									E	1	29.46	77	72	69		cfz	ss		10	
9									WXS	1	29.46	76	71	67		bvz	ss		10	
10									WS	1	29.46	77	70	69		bcz	ss		5	
11									WXS	1	29.46	77	72	67		bcz	ss		7	
12									S	1	29.46	77	70	66		bcz	cu		8	

Lat. Latitude
Long. Longitude

Lat. Latitude
Long. Longitude

Lat. Latitude
Long. Longitude

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum A1 81 A2 78
Minimum 80 77

Compass
S. H
Error
Variation
Deviation

Coal: Received ____ Expended 5.4 On hand 129.

Fuel Oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NXW	1	29.48	77	80	77		bcz	cu		5	
2									NXW	1	29.45	82	80	77		bcz	cu		2	
3									NNW	1	29.44	82	78	75		bcz	cu		5	
4									NNW	1	29.44	81	79	76		bcz	cu		4	
5										-	29.44	81	80	78		bcz	ci		5	
6									NW	1	29.44	80	80	78		bcz	cis		6	
7									NW	1	29.44	80		78		bcz	cis		6	
8									NW	1	29.43	80	80	74		bcz	cis		6	
9									SWXS	1	29.44	79	72	79		bcz	cis		6	
10									WXS	1	29.44	79	70	68		bcz	cis		6	
11									SXW	1	29.44	79	70	69		bcz	cis		8	
12									SXW	1	29.44	78	70	68		bcz	cis		10	
																bcz				

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 25 July 1918

REMARKS.

Commences and until 4:a.m.
Anchored in So. Manitou Harboar in 8 1/2 fathoms of water with 40 fathoms of chain at the waters edge. S/ Manitou lt. bearing 166° psc. Boiler "A" steaming for auxiliarty purposes. Calm. Very light interm8ttent showers. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Light SW to NE airs. Barometer steady.

Chief Quartermaster, USN

8:00 a.m. to Meridian.
Carried out morning drills. Supernumeries instructed in boats underoa oars and sails, signalling and battery drill. Light airs from SWxs. Barometer steady.

Carpenter (T), USN

Meridian to 4:00 p.m.
Made daily inspectin of magazines and S.P. samples. conditions normal Ex-caliber practice for supernumeries. Light NNW airs. Barometer steady.

Chief Boatswain's Mate, USN

4:00 .m. to 6:00 p.m.
Swimming party held off boom from 4:30 to to 5:00 p.m. Liberty party shoved off at 5:45 p.m. Calm, and light airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4

6:00 p.m. to 8:00 p.,.
Liberty parties reutnned to ship on time. Light nor heast airs. Baromete steady.

C. C. Crane Jr.
Ensign, US RF-4 cec

8:00 p.m. to Midnight.

9:00 p.m. held torpedo definse drill. Starboard battery firing sub-calibers. Used main engine to keep shio nposition. Secure and retreat at 10:10 p.m. Light south airs Barometer ~~steady~~.

Chief QUartermaster, USN

Approved:
L. R. Rutter
Lieutenant Commander, USNR
Comma ding Office.

Examined:
E. Halsey
Lieutenant (jg), USNRF-U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou Isle. TO _____ 26 July 1918 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour	Engs.	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. At	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1									WSW	1	29.45	77	70	67		bcx	as		8	
2									SWXW	1	29.43	77	72	66		bcz	as		4	
3									SW	1	29.42	77	69	66		bcz	as		4	
4									SW	1	29.42	77	69	66		cof	as		4	
5									SW	1	29.42	75	66	64		cof	as		10	
6									SSW	1	29.42	76	70	68		of	s		10	
7									SSW	1	29.42	76	72	70		of	s		9	
8									S	1	29.42	76	75	72		bcfz	cis		3	
9									S	1	29.42	75	72	79		bcz	cis		4	
10									SSW	1	29.42	75	73	70		bcz	cis		3	
11									SSW	3	29.41	75	75	72		bcz	cis		4	
12									SXW	3	29.40	76	77	74		bcz	cis		6	

Lat. a.m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

Lat. p.m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum A1 80, A2 78
Minimum 79 77

Compass
S. H
Error
Variation
Deviation

Coal: Received ____ Expended 6 On hand 123.

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SW	2	29.38	77	76	73		coz	scu		8	
2									SW	2	29.39	77	75	72		coz	scu		7	
3									SXW	2	29.39	77	76	74		bcz	cicu		4	
4									SW	2	29.40	77	74	71		bcz	cicu		3	
5									SWXS	2	29.49	77	74	71		bcz	cicu		4	
6									SW	2	29.40	77	74	71		bcz	scu		8	
7									SSW	1	29.40	76	74	71		bcz	cicu		7	
8									SSW	1	29.40	78	74	71		bcz	cicu		6	
9									SSW	1	29.43	75	70	67		bcz	cicu		6	
10									SSW	1	29.43	75	71	68		bcz	cicu		6	
11									NW	1	29.47	74	68	65		bcz	cicu		6	
12									N	1	29.49	74	69	66		bcc	cicu		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 26 July 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor at S. Manitou Isle, in 8 fathoms of water . Light airs from the Southwest . Dense fog. Barometer steady.

Carpenter, (T), USN

4:00 a.m. to 8:00 a.m.
Carried aout morning orders. Light variable airs. Barometer steady. Dense fog.

Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.
Magazines inspectedand conditions found normal. S.P. samples taken Supernumeries instructed from 8:30 a.m. to 11:00 a.m. in boats under oars, and sails, boat nomenclature and first aid instruction. Underway at 8:56 a.m. standing out of harboar to swing ship. Stood in toward harbor and dropped anchor at 10:36 a.m. in 8 1/2 fathoms of water with 40 fathoms of chain at the waters edge. v S. Manitou light bearing 178° psc. Light south airs shifting and increasing to gentle south southwest breezes. Barometer steady.

Ensign, USNRF-4 cec

Meridian to 4:00 p.m.
1:05 p.m. Capt. Cooper aboard. 1:20 p.m. 52 men ashore for small arms target practice. Rest of supernumeries instructed in ex-caliber practice, boats undero oars and sails, hand lead, drift lead and sounding machine. 1:45 Capt. Cooper left ship. Light southwest breezes. Barometer steady.

Carpenter (T), USN

4:00 p.m. to 6:00 p.m.
4:15 p.m. 51 men ashore in swimming party. 5:10 swimming party returned.

Carpenter (T), USN

6:00 p.m. to 8:00 p.m.
Base ball party ashore at 6:30 p.m. Scouting party ashore Light variable airs. Barometer steady.

Chief Boatswain's Mate, USN

8:00 p.m. to Midnight.
Landing force returned aboard at 8:50 p.m. Boiler "B" lit off at 8:05 p.m. formed steam at 9:50 and cut in at 10:25 p.m. Light variable airs. Barometer rising.

Ensign, USNRF-4 cec

Approved:
L. R. Linn
Lieutenant Commander, USNR
Commanding Officer.

Examined:
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM So/ Manitou Isle. TO Harbor Springs Mich 27 July, 1918

L.R. Rutter, Lieut. Comdr., USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	6	-	6	-	75.		12282	45	NNE	2	29.52	71	66	63		coz	scu		7	
2	7	3	13	3	75		19782	45	NNE	2	29.54	71	67	64		coz:	scu		7	
3	7	7	21	-	75		24282	45	NNE	3	29.54	71	65	62		bcz	scu		7	
4	7	5	28	5	75		28782	45	NXE	3	29.52	68	66	63		bcz	scu		5	
5	7	5	36	-	75		33282	45	NXE	3	29.55	68	64	62		bc	cu		3	
6	7	5	43	5	75		37222	85	NXE	3	29.56	69	65	63		bc	cu		3	
7	8	3	51	8	75		42282	85	NNE	3	29.58	68	65	63		bc	cu		2	
8									NWXN	1	29.60	69	66	63		bc	cicu		2	
9									NWXN	1	29.60	65	70	74		bc	cis		2	
10									NWXN	1	29.63	71	69	67		bc	cis		2	
11									NWXW	1	29.6e	71	68	66		bc	cis		2	
12									NWXW	1	29.63	74	74	72		bc	cis		2	
P. M.																				
1									W	2	29.61	72	70	67		bc	cis		1	
2									W	2	29.61	72	70	67		bc	cis		1	
3									WXN	2	29.61	72	72	69		bc	cis		1	
4									WXN	2	29.61	72	75	72		bc	cis		1	
5									W	1	29.61	72	74	71		bc	cis		1	
6									W	1	29.62	72	72	69		bc	cis		1	
7									NW	1	29.62	72	72	69		bc	ciw			1
8									NW	1	29.62	72	67	64		bc	cis			1
9									NW	1	29.62	72	67	64		bc	cis		1	
10									EXN	1	29.63	72	64	61		bc	cis		1	
11									ENE	1	29.61	72	62	59		bc	cis		1	
12									EN?	1	29.61	72	63	60		bc bc	cis		1	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:

Maximum A1 81 A2 78

Minimum 80 77

Compass

S. II

Error

Variation

Deviation

Coal. { Received / Expended 10/9 / On hand 112.5

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 27 July 1918

REMARKS.

Commenses and until 4:00 a.m.
12:00 got underway for Harbor Springs, Mich / Stoo out of harbor on course 120° psc. Yantic underway at 12:02 and in position 400 yds. astern C.C. 90° psc. and put out PL reading 0 at 12:52. Changed course to 45 psc at 1:06 PL reading 5.1 k. North Manitou light abeam at 1:37 p.m. Sighted Grand Traverse light on starboard bow at 3:34 a.m. Grand Traverse Light abeam distance 4 1/2 miles. Average rev. 75, ~t am 195 lbs. Light nne breezes. Barometer steady.

Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.
Under way in Lake Michigan at 4:20 a.m. Bow bearing Charlevoix Lt . PLR 31. 4:20 beaver light off beam 5:00 PLR 36 Steam 195 lbs, 5:03 changed course to 850 psc. PLR 36.2. Charlevoix Lt abeam bearing 120° psc. 4:40 taking on water. 5:05 finished taking on water, 5:15 PLR 57.9 Bow bearing Charlevoix, abeam at 5:51 PLR 42. 6:00 PLR 43.5, Steam 195 Sighted Harbor springs light at 6:20 p.m. 7:00 pLR 51. Steam 200 lbs. Anchored 7:47 in 7 1/2 fathoms of wate with 45 fathoms of chain at the waters edge. Light WSW airs. Barometer steady.

Carpenter (T), USN

8:00 a.m. to Meridian.
Made daily inspection of magazines and S.P. samples. Conditions normal. 9:42 Yantic underway, anchored at 9:52.

Chief Boatswains Mate, USN

Meridian to 4:00 p.m.
Sailing part s shoved off in three boats at 1:30 p.m. Visitors received aboard at 2:00 p.m. 6000 lbs ice received from F.E. Harrison Ice Co. Light west and west by north breezes. Barometer steady.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.
Liberty parties shoved off at 4:30 and 5:00 p.m. All visitors ashore at 5:00 p.m. Received canteen stores. Vice President Marshall Visited ship between 4:40 p.m. and 5:40 p.m. Light west breezes. Barometer steady.

C.C. Crowe Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Capt. Rutter ashore at 6:30 p.m. Light NW airs. Barometer steady.

Carpenter (T), USN

8:00 p.m. to Midnight.
Liberty party returned. No absentees. Light variable airs. Barometer steady.

Chief Boatswain's Mate, USN

Approved: C.R. Rutter
Lieutenant Commander, USNR
Commanding Officer.

Examined:
Lieutenant, (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Harbor Springs, Mich. TO _____, 28 July 1918, 191

L.R. Rutter, LIEUT. Comdr, USNR, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									ENE	1	29.61	72	62	59		b	cis		1	
2									ENE	1	29.61	72	60	58		b	cis		1	
3									NNE	1	29.60	69	60	58		b	cis		1	
4									NE	1	29.57	58	60	59		bc	cis		3	
5									NE	1	29.55	57	60	58		bc	cis		6	
6									NE	1	29.55	57	64	62		bc	cis		6	
7									ENE	1	29.55	67	64	62		bc	cicu		6	
8									ENE	1	29.55	67	64	62		bc	cicu		6	
9									ENE	1	29.54	68	77	74		bc	cicu		6	
10									ENE	1	29.54	70	81	78		bc	cicu		2	
11									WXN	1	29.52	72	83	80		bc	cicu		5	
12									WXN	1	29.52	73	76	73		bc	cicu		8	

Lat. Sa. m. — Latitude _____ Longitude _____

Noon — Latitude _____ Longitude _____

Lat. Sp. m. — Latitude _____ Longitude _____

Current — Set _____ Drift _____

Magazine Temperatures:
Maximum A1 80 A2 79
Minimum 78 67

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal — Received _____ Expended 4. On hand 108.

Fuel oil — Received _____ Expended _____ On hand _____

Water — Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									W	1	29.52	73	74	72		bc	cicu		8	
2									WXN	1	29.50	73	72	70		bc	cicu		8	
3									SE	1	29.43	73	75	72		bc	cis		8	
4									NWMN	1	29.40	72	81	78		bc	cis		8	
5									NWXN	1	29.38	73	83	81		bc	cicu		8	
6									NW	1	29.41	76	84	82		bc	cicu		9	
7									NW	1	29.44	76	81	79		bc	cicu		9	
8									W	1	29.41	75	77	75		bc	cicu		10	
9											29.42	75	73	71		co	cicu		10	
10											29.42	75	74	71		co	cicu		9	
11									WXN	1	29.40	75	73	72		co	n		9	
12									WXN	1	29.38	74	73	71		co	n		9	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 28 July 1918

REMARKS.

Cmmences and until 4:00 a.m/
Anchored off Harber Springs in 12 fothoms of water with 45 fathoms of chain at the waters edge. Both boilers steaming. Light variable airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Carried out morning orders. Light NNE airs. Barometer steady.

Chief Quartermaster, USN

8:00 a.m. to Meridian.
Made daily inspection of magazines and S.P. samples. Condition good
9:45 Capt. Rutter ashore. 10:20 church party of 148 men shoved off.
10:30 Capt. Rutter aboard. Light northwest airs. Barometer steady.

Carpenter (T). USN

Meridian to 4:00 p.m.
Church party returned 12:25. Liberty ashore at 12:40 p.m. Light variable airs. Barometer steady.

Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 p.m.
All visitors ashore at 5:30 p.m. Liberty at 4:30 p.m. Received 800 lbs. bread from Harber Springs Bakery Co. Light west by north airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Received 112 lbs. banaaas, 140 lbs. butter 162 lbs. frankfurters, 157 lbs. luncheon meat, 180 doz. eggs. 552 lbs. beef. Swimming party at 6:50 p.m. Light northwest airs. Barometer steady.

Chief Quartermaster, USN.

8:00 p.m. to Midnight
9:15 p.m. Capt. Rutter aboard. 10:00 Liberty returned on time. No absentees. 10:45 light showers of rain. Light north by west airs. Barometer steady.

Carpenter (T) USN.

Approved: L. R. Rutter
Lieutenant Commander, USNR
Commanding Officer.

Examined:
Lieutenant (jg) USNEF U.S.N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Harbor Springs Mich. TO Mackinac Island 29 July 1918, 191

L.R. Rutter, LIEUT.COMDR. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NW	1	29.35	74	71	69		bc	cicu		6	
2									NW	1	29.32	74	72	70		bc	cis		6	
3									SXW	1	29.32	73	72	70		bc	as		7	
4									W	1	29.32	73	72	70		bc	as		7	
5									W	1	29.32	74	72	70		bc	as		6	
6			5	4	70	1	48840	Var.	W	3	29.32	74	67	64		co	scu		10	
7	7	8	13	2	75	0	52965	340	W	3	29.33	73	65	63		bcz	cicu		7	
8	7	6	20	8	75	0	57465	0	W	3	29.33	73	65	63		bc	cicu		4	
9	7	5	28	3	75	0	61965	34	NXW	3	29.33	71	66	64		bc	cicu		2	
10	8	1	36	4	75	0	66455	93	NXW	3	29.33	70	67	65		bc	cicu		2	
11	8	1	44	5					NXW	3	29.33	70	69	67		bc	cicu		2	
12									NXW	3	29.32	71	68	66		bc	cicu		4	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 11.5 / On hand 96.5

Fuel oil { Received / Expended / On hand

Water. { Distilled / Received / Expended 320 / On hand 1756

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Fire Quarters	
2	Q.M. -Log &lead	
3	Cox.-Sea Terms	
4	Gun. Battery	
5		
6		
7		
8		
9		

P. M.																				
1									WXN	4	29.34	70	66	63		bc	cicu		5	
2									WXN	4	29.36	70	62	59		bc	cicu		5	
3									WXN	4	29.37	68	62	59		bc	cicu		9	
4									NW	3	29.33	73	62	59		bc	scu		9	
5									NW	3	29.35	73	60	58		bc	scu		9	
6									NW	3	29.38		57	54		bc	scu		9	
7									NWXW	3	29.39	66	65	62		bc	scu		9	
8									NW	3	29.42	64	52	56		bc	scu		9	
9									NW	3	29.43	63	51	49		co	scu		10	
10									NNW	3	29.44	63	53	51		co	scu		10	
11									NW	3	29.46	63	54	52		bc	acu		9	
12									NXW	3	29.49	63	54	52		bc	acu		6	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4:00 a.m.
Anchor at Harbor Springs with 20 fathomsb of anchor chain at waters edge. Variable light airs. Barometer steady.

Chief Boatswain's Mate, USN

4:00 a.m. to 8:00 a.m.
Crew turn to at 4:30 making ship secure for sea. U.S.S.Gopher underway at 4:35. U.S.S. Yantic underway at 5:01. Weighed anchar and got underway at 5:05,steering various courses thru Little Traverse Bay - at the speed of 78 R.P.M.. Patent log put out at 5:20 a.m. reading 0. Light shower at 5:22 a.m. Speed cut to 75 R.P.M. at 5:42. 6:00 course 330° psc, PLR 5.4, R.P.M. 75, S.P. 180 lbs. U.S.S.Yantic in position astern at 6:03a.m. Change course to 340° psc at 6:24, PLR 8.7. 7:00 a.m. PLR 13.2, R.P.M. 75, S.P. 180 lbs. Passed Dotha School Buoy on port beam at 7:36, PLR 17.8 Changed course to 2° psc at 7:45, PLR 19.1. Passed Isle and Inlet on starboard beam at 7:59, PLR 20.6. 8:00 PLR 20:8, R.P.M. 75, S.P. 180 lbs. For watch average R.P.M. 73.7, Ave. stem 180 lbs., miles made 25. Light west airs Barometer steady.

Ensign, USNRF-4

8:00 to Meridian.
Steaming on course 00° psc standard speed 75 R.P. M. Yantic in position 400 yd. astern. 8:45 change course to 34° psc, PLR 26.1 9:14 change course to 93° psc, PLR 29.9 10:29 St. Helena Light house abeam. 11:09 change course to 68° psc, PLR 45.6 11:17 PLR 46.6 11:25 steering various courses 11:43 Hawled in Patent Log Reading 50. 11:53 Anchored at Mackinac Island in 7 1-2 fathoms of water with 40 fathoms of chain at water edge. Draft of ~~ship forward~~ 13'7 aft 15'8

Chief Quartermaster, USN

12:00 Meridian to 4:00 p.m.
Afternoon drill consisted of Cox. Battery Drill, Q.M. Boat and sail nomenclature, Gunner Mates, Sea terms and expressionson deck seamanship. 1:00 Lead line out 2:40 Lead line in ship drifting. 2:55 Up anchor 3:37 At anchor in 8 fathoms of water, 40 fathoms of chain at water edge.Light N.W. airs Barometer steady.

Carpenter (T). USN

4:00 to 6:00p.m.
Liberty party ashore Barometer riseing. Light N.W. airs

Chief Boatswain's Mate, USN

6:00 p/m. to 8:00 p.m.
Light Northwest airs. Barometer rising.

Ensign, USNRF-4

8:00 p.m. to Midnight
Liberty party returned at 8;30- None absent. Light N.W. airs. Barometer rising.

Chief Quartermaster, USN/

Approved:
Lieutenant Commander, USNR
Commanding Officer

Examined:
Lieutenant, (jg) USNRF-1
U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Macinac, Island, Mich. TO ..... 30 July 1918 191

L.R. Rutter, Lieut. Comdr. USNR., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NXE	~~2~~s	29.49	74	54	51		bc	cu		8	
2									NXE	~~2~~	29.50	66	54	51		bc	cu		8	
3									NXE	2	29.53	63	54	51		bc	cu		9	
4									NXW	2	29.54	63	54	51		bc	scu		10	
5									NXW	2	29.54	63	52	48		bc	scu		5	
6			6	1	70.	6	80735	83	N W	2	29.54	62	54	51		bc	scu		5	
7	8	-	14	1	75	-	85235	83	NXW	2	29.54	61	53	50		bc	cicu		3	
8	8	-	22	1	73	5	89735	78	NXW	2	29.54	61	54	51		bc	cicu		2	
9	7	9	30		74	-	94235		NXW	2	29.54	61	56	51		bc	cicu		1	
10	7	5	37	5	75	5	98706		NXW	2	29.54	61	58	55		bc	cicu		1	
11									N.	3	29.56	62	58	55		bc	cicu		1	
12									N	3	29.58	63	60	58		bc	cicu		1	
P. M.																				
1									NW	3	29.60	66	61	58		bc	cicu		1	
2									NW	3	29.59	67	68	66		bc	cis		1	
3					67		10534	150	NW	3	29.59	67	68	65		bc	cis		1	
4					74	7	109825		NW	3	29.59	67	64	61		bc	cis		1	
5			10	3	75		114325	268	NW	2	29.57	67	69	66		bc	cis		2	
6	7	3	17	3	75		118825	268	NXW	2	29.59	67	62	59		bc	cis		2	
7					73	7	123247		NW	2	29.57	68	63	60		bc	cis		2	
8									WNW	2	29.59	68	62	69		bc	cis		2	
9									NXW	2	29.60	67	58	55		bc	cis		2	
10									NNE	2	29.59	67	56	54		bc	cis		2	
11									NXE	2	29.50	67	56	54		bc	cis		1	
12									NXE	2	29.60	65	55	52		bc	cis		1	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 80 A2 77
Minimum 78 76

Compass
S. H.
Error
Variation
Deviation

Coal { Received 80.3 / Expended 10.8 / On hand 166.6

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX 30 July 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor at Macinac Island, Mich. in 8 fathoms of water with 40 fathoms of chain at the waters edge. Light NXW brzezes. Barometer steady.

Carpenter (T), USN

4:00 a.m. to 8:00 a.m.
Yantic underway at 4:58 Got underway 5:01 a.m. Draft forward 13'7" aft, 15' 8". Standard speed of 75 R.P.M. at 5:14 a.m. PL out reading 0 Light abeam. at 6:04 PLR 6. 6:26 a.m. Bois Blanc light aff starboard quarter PLR 9.5 knots. 7:00 a.m. PLR 14.1 k., R.P.M. 75, SP. 180 lbs. 7:32 Martins reef light changed course to 78° psc. PLR 18.3 Average for watch R.P.M.73.5 Miles made good 21. Light NXW breeze. Barometer steady.

Chief Boatswain's Mate, USN

8:00 a.m. to Meridiain
Steering course 78° psc at standard speed of 75 R.P.M. Yantic following 400 yds. astern. Entered Detour passage at 8:49 a.m. steering various courses up thru same. 9:00 a.m. PLR 30, R.P.M. 75 S.P. 180 lbs. Passed Pipe Island lt. on port beam at 9:26 a.m. 10:00 PLR 37.5, R.P.M. 74, S.P. 180 Patent log hauled in at 10:10 redding 38.5 Dropped anchor off Lime Island near Pitts. Coal Dock at 10:38 am in 5 fathoms of water with 25 fathoms of chain at the waters edge. Draft 13'6" for'rd 15'6" aft. Weighed anchor at 10:49. Moored alongside of dock and stared coaling ship at 11:14 a.m. YANTIC anchored at 10:33 Av. forewatch RPM 72. SP 185 . Miles made good 46.8 Magazines inspected and conditions found normal, S.P. samples taken. Supernumery crew instructed ijn semaphore, boat and sail nomenclature, and overhauling battery. Yantic underway at 11:50 headed for c al dock. and moored at 11:59 light north by west breeze changing to fentle nort breeze. Barometer slowly rising.

Ensign, USNRF-4 cec

Meridian to 4:00 a.m.
Draft after coaling 15' aft, 14' forward. Finished coaling at 12:12 Received from Pitts. coal Coc 83.3 tons coal. Got underway at 12:13 and anchored at 12:29 with 25 fathoms of chain at the waters edge. Got under way at 1:59 and stood down the St. Mary's River, Capt conning Steering various courses and speeds. Yantic under way at 2:08 and took position 400 yds.,asternAt 3:29 Detour light abeam. Steady on course 258° psc, standard speed of 75 RPM Light NW breezes. Barometer steady.

Chief Quartermaster, USN

4:00 p.m. to 6:00 p.m.
Steering counrse 258 psc. 4:35 26 1/4 bearing of Martin Reef light vessel PL .72 k., 45 psc bearing on Martin Reef light vessel abeam PLR 9.6 4:56 106 1/2 bearing on Martin Reef light vessel. PLR 9.9. Changed course to 268 psv. 5:00 PLR 10/3 R.P.M. 75. S 170 lbs. 6:00 PLR 17 .6 RPM 75 S.P 180 Light NXW breezes. Barometer steady.

Carpenter (T), USN

6:00 p.m. to 8:00 p.m.
Steaming course 258 psc. 6:47 changed course to 262 psc. PLR 24. 5:55 half speed to permit Yantic to pass. 6:52 hauled in P: reading 24:9 7:39 anchored in 8 fathoms of water with 25 fathoms of chain at the waters edge. 7:49 Yantic moored to dock.

Chief Boatswains Mate. USN

8:00 p:m. to 12:00 midngiht.
Liberty party returned on time. No absentees. Light NXE breezes. Barometer steady.

Carpenter (T), USN

Approved: Lieutenant Commander, USNR
Commanding Officer.

Examined: Lieutenant (jg), USNRF-1

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Macinac, Island, Mich. TO 31 July 1918. 191

L.R. Rutter, Lieut. Comdr. USNR., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.		Anchored at Macinac Island.							NW	1	29.59	64	54	51		bz	cis		1	
1									NW	1	29.59	63	53	50		bz	cis		1	
2									NW	1	29.58	63	53	50		bz	cis		1	
3									NW	1	29.48	63	52	49		bz	cis		1	
4									NW	1	29.58	61	52	49		bcz	cis		1	
5									NW	1	29.57	67	53	50		bc	cis		1	
6									NW	1	29.57	64	54	50		bc	cis		1	
7									CALM	-	29.58	63	58	55		bc	cis		1	
8									DO	-	29.59	65	62	59		bc	cis		1	
9									SW	1	29.59	64	61	58		bc	cis		1	
10									WSW	1	29.59	65	62	59		bc	cis		1	
11									WSW	1	29.59	66	63	60		bc	cis		1	
12																bc				
P. M.																				
1									WXS	2	29.58	67	65	62		bc	cis		1	
2									WXS	2	29.58	68	66	63		b.c	cis		1	
3									WXS	2	29.58	68	70	67		bc	cis		2	
4									W	2	29.56	68	69	68		bc	cis		2	
5									W	2	29.52	70	79	66		bc	cis		2	
6									W	2	29.51	72	70	67		bc	cis		2	
7									W	2	29.51	71	68	65		bc	cis		2	
8									W	2	29.50	70	65	62		bc	cis		2	
9									W	1	29.49	70	64	61		bc	cis		1	
10									SWXS	1	29.48	70	64	61		bc	cis		1	
11									S	1	29.48	70	64	61		bc	cis		1	
12									S	1	29.48	70	62	59		bc	cis		1	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 77 A2 76
Minimum 76 75

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 10.8 / On hand 155.8

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX 31 July 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored at Macinac Island, Mich. Steam in both boilers with banked fires for auxiliarty purposes. Light NW airs. Barometer steady.

H J Testka
Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.
Reveille at 5:00 a.m. Carried aut morning orders. Light NW airs. Barometer steady.

J P Krause
Carpenter (t), USN

8:00 a.m. to Meridian
Made daily inspection of magazines and S.P. Samples, conditions normal. 9:45 liberty party ashore. 10:30 boat drills, signal drill and battery d drill. Light west, southwest airsa Barometer steady. Liberty party retunned No absentees. Received from J.A. Hoban, 327 lbs. beef.

B A Grieg
Chief Boatswain's Mate. USN

Meridian to 4:00 p.m.
Ships company liberty party shoved off at 2:00 p.m. From 2:30 to 3:30 p.m. supernumery Quartermasters instructed in flag hoists, coxswains in boat maneuvering and Gunner's Mates in overhauling batteries. Visitors aboard at 3:00 p.m. Light west by south to west breezes. Barometer steady.

L. C. Crandall
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.
Light west by south to south airs. Barometer steady.

H J Testka
Chief QUartermastar, USN

6:00 p.m. to 8:00 p.m.
Light breezes, from the west. Barometer steady.

J P Krause
Carpenter (T), USN

8:00 p.m. to Midnight.
Liberty party returned; no absentees. W to S light airs. Barometer steady.

B A Grieg
Chief Boatswain's Mate, USN

Approved: P. K. Lutes
Lieutenant Commander, USNR
Commanding Officer.

Examined: E. H. Habenicht
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., 191

....., ..., *U. S. Navy, Commanding.*

HOUR.	KNOTS.	TENTHS.	PATENT LOG.	TENTHS.	AVERAGE REVS.	TENTHS.	ENGINE COUNTER.	COURSE.	WIND. DIRECTION.	WIND. FORCE.	BAROMETER. HEIGHT IN INCHES.	BAROMETER. THER. AT.	TEMPERATURE. AIR DRY BULB.	TEMPERATURE. AIR WET BULB.	TEMPERATURE. WATER AT SURFACE.	WEATHER BY SYMBOLS.	CLOUDS. FORM.	CLOUDS. MOVING FROM.	CLOUDS. AMOUNT.	SEA.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current. Set	
Current. Drift	

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass	
S. H.	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

(This page to be sent to Bureau of Navigation monthly.)

4—2599

SEP 14 1918

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. ESSEX

Rate,

COMMANDED BY

Lynn R. Rutter, Lieut. Comdr. USNRF-2, U. S. Navy,

Attached to { Division, / Squadron, / Great Lakes, Fleet,

Commencing 1 August, 1918, 191 ,

at Macinac Island, Michigan,

and ending 31 August, 1918, 191 ,

at Chicago, Illinois.

1915.

1—2500

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

COOK BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by Lynn R. Rutter, Lieut. Comdr., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 August, 1918, 191 , to 31 August, 1918, 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
L.R. Rutter,	Lieut. Comdr.	3-17-18		
J.M. Bowery	Lieutenant	3-16-18	Detached 8-29-18	
G.L. Holsinger	Lieutenant (jg)	5-22-18		
C.E. Crone	Ensign	4-2-18		
E.K. Pilcher	Ensign	8-30-18		
G.W.Wood	P.A. Surgeon	3-22-18		
E.R. Sanders	Ensign	3-20-18		
R.E. Wright	Asst. Paymaster	4-14-18		
J.P. Krause	Carpenter (T)	10-15-17		

Examined and found to be correct.

L. R. Rutter

Lieutenant (jg), USNRF-1 *Navigator.*

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(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, 1 Aug. 18 to 31 Aug., 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	1
3	Boatswain's Mates, first class	2
2	Boatswain's Mates, second class	4
6	Coxswains	6
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	2
	Gunner's Mates, second class	
2	Gunner's Mates, third class	
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	
1	Chief Quartermaster (Signals)	1
2	Quartermaster, first class	
2	Quartermaster, second class	2
2	Quartermaster, third class	2
50	Seamen	20
75	Ordinary Seamen	39
	Apprentice Seamen	
	Total	78
	ARTIFICER BRANCH.	
1	Chief Electrician	1
1	Electricians, first class	1
1	Electricians, second class	2
1	Electricians, third class	1
1	Chief Electrician (Radio)	1
1	Electricians, first class (Radio)	
1	Electricians, second class (Radio)	2
1	Electricians, third class (Radio)	1
1	Chief Carpenter's Mate	1
1	Carpenter's Mates, first class	
	Carpenter's Mates, second class	2
1	Carpenter's Mates, third class	1
1	Shipwrights	1
1	Shipfitters, first class	3
	Shipfitters, second class	
	Blacksmiths	1
1	Plumbers and Fitters	1
1	Sailmaker's Mates	
	Printers	
	Painters, first class	
	Painters, second class	1
	Painters, third class	1
	Total	
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	3
3	Machinist's Mates, first class	3
3	Machinist's Mates, second class	2
1	Chief Water Tenders	1
2	Water Tenders	3
1	Boiler Maker	1
1	Blacksmiths 2c	1
1	Coppersmiths 2c	1
3	Oilers	3
6	Firemen, first class	5
6	Firemen, second class	8
6	Coal Passers	2
	Total	
	SPECIAL BRANCH.	
4	Chief Yeoman—Commanding Officer	
	Chief Yeoman—Equipment Department	
	Chief Yeoman—Pay Department	4
	Chief Yeoman—Engineer Department	
	Chief Yeoman—Executive Officer	
5	Yeoman, first class—Commanding Officer	
	Yeoman, first class—Equipment Department	
	Yeoman, first class—Executive Officer	2
	Yeoman, first class—Pay Department	
	Yeoman, first class—Engineer Department	
	Yeoman, first class—Ship's Store	
2	Yeoman, second class—Commanding Officer	
	Yeoman, second class—Ordnance Officer	2
	Yeoman, second class—Executive Officer	
	Yeoman, second class—Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—ctd. Pay Department	
	Yeoman, second class—ctd. Engineer Department	
	Yeoman, second class—ctd. Ship's Store	
	Yeoman, third class—Commanding Officer	
	Yeoman, third class—Equipment Department	
	Yeoman, third class—Pay Department	
	Yeoman, third class—Ship's Store	
	Yeoman, third class—Engineer Department	
	Yeoman, third class—Navigator	
	Yeoman, third class—Executive Officer	
1	Hospital Stewards — Chief PhM	
	Hospital Apprentices, first class	
	Hospital Apprentices	1
	Buglers	
	Bandmaster	
	First Musician	
	Musician, first class	
	Musicians, second class — Flds Yeo	1
	Total	13
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	1
	Commissary Steward	
1	Ship's Cooks, first class	2
1	Ship's Cooks, second class	1
2	Ship's Cooks, third class	
1	Ship's Cooks, fourth class	3
	Bakers, first class	1
	Bakers, second class	
	Total	8
	MESSMEN BRANCH.	
1	Cabin Steward	1
1	Cabin Cook	2
1	Mess Attendant	1
1	Wardroom Steward	
1	Wardroom Cook	1
4	Mess Attendants	4
1	Mess Attendants (Laundry)	1
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total	10
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendants	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

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Examined and found to be correct.

R. R. Ruter

G. Halsey Jr.
Lieutenant (jg) USNRF
Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. USSEX

MAIN BATTERY.

GUNS. No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.	REMARKS.	SHIP AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	REMARKS.
4	3-pdr.	50	X	X		5		IX	
2	3-pdr.	50	X	XMod. I					

SECONDARY BATTERY.

GUNS. No.	Cal.	Mark and Modifications.	REMARKS.	SHIP, BOAT, AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	REMARKS.
40	Spr	30					

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	REMARKS.
40	Spr	30		1903	
40	Krag	30		1898	
4	Colt	38	Pistol		

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

L. R. Sutton

E. H. Delaney
Lieutenant (jg) USNRF-1
Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS No. _____ ON BOARD THE U. S. S. _____

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	H.J. Green Brooklyn, N.Y.	1574	Cabin			Unknown
ANEROID BAROMETER.	G. Falconer, & Co. Hong Kong, China	None	Chart house	None	none	Unknown
THERMOMETER (Dry Bulb).	None					
THERMOMETER (Wet Bulb). (Psychrometer.)	None					

Examined and found to be correct.

R. R. Linker

G. A. Halsing
Lieutenant (jg), USNRF-1
Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Page 3

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Macinac Island, Mich. TO Great Lakes, Ill. 1 Aug. 1918. 191

L.R. Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									Wxs	1	29.46	69	63	60		bc	cis		1	
2									WXS	1	29.42	69	63	60		bc	cis		1	
3									SWXW	1	29.42	68	62	59		bc	cis		1	
4									SWXS	1	29.42	68	62	59		bc	cis		1	
5									SW	1	29.40	66	60	58		bc	cis		4	
6				3	74		129390	272	SW	2	29.39	67	60	58		bc	cis		4	
7	7	8	6	1	78		134070	724	SW	2	29.39	67	60	58		bc	cis		4	
8	7	4	14	5	78		138750	225	SW	2	29.39	67	62	59		bc	cicu		8	
9	7	3	21	8	78		143430	220	SW	2	29.39	67	62	59		bc	scu		7	
10	7	3	28	-	78		148110	220	SWXW	3	29.39	68	63	60		bcz	acu		5	
11	7	3	36	3	78		152790	220	SWXW	3	29.39	69	64	61		bcz	acu		7	
12	7	5	43	8	78		157470	220	SW	3	29.37	68	64	61		bcz	acu		7	
			50																	

Lat. a. m. Latitude
Long. a. m. Longitude
Noon. Latitude
Noon. Longitude
Lat. p. m. Latitude
Long. p. m. Longitude
Current: Set
Current: Drift

Magazine Temperatures:
Maximum A1 77 A2 76
Minimum 76 75

Compass
S. H
Error
Variation
Deviation

Coal: Received
Coal: Expended 10.9
Coal: On hand 155.8

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	7	7	58	5	78		162150	220	SW	3	29.37	69	64	61		bcz	acu		7	
2	8	4	66	9	78		166830	220	SSW	3	29.35	70	64	61		bcz	n		7	
3	6	6	73	5	78		171510	240	SW	3	29.35	71	68	62		bcz	acu		7	
4	7	1	80	6	78		176190	267	SWXW	4	29.33	72	70	57		bc	acu		8	
5					76		178473		SSW	4	29.33	71	69	66		bc	acu		7	
6				4			180740	298	SSW	4	29.31	71	67	64		bcz	acu		7	
7	7	5	2	9	78		185420	230	SW	4	29.30	69	65	62		cz	scu		8	
8	7	3	9	2	78		19074(	208	WSW	3	29.37	70	61	59		ocz	nim		10	
9	8	-	17	-	78		194180	208	S	3	29.38	71	59	57		ocz	nim		8	
10	7	7	25	7	78		199460	208	WNW	3	29.38	72	60	58		ocz	nim		10	
11	8	-	32	7	78		2o4140	208	NNW	3	29.37	72	59	57		ocz	nim		10	
12	7	9	40	6	78			208	NNW	3	29.42	71	60	58		bc			4	
			48							3										

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 1 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor off Macinac Island in 8 fathoms of water with 25 fathoms of chain at the waters edge. Both boilers steaming. Light variable airs. Barometer falling.

C. C. Cramer Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Draft of ship before getting underway 16' aft and 14' forward. Yantic underway at 4:59. Under way at 5:01 and stood out on course 247 psc. Standard speed 75 RPM. At 5:05 Yantic took position 400 yds. astern. At 5:10 Round Island lt. on port beam 100 yds. distant. Put out Patent log reading 0 at 5:25. Major shoal buoy abeam at 5:47. C.C. to 272 psc. PLR 4.7. At 6:25 C.C. to 272 psc. At 7:30 New shoal gas buoy on port beam distant 300 yds. At 7:54 bell and gas buoy #5 abeam distant 100 ft. C.C. t 225 psc. PLR 20.9. Average steam pressure. 180 lbs. RPM 78.

H. J. Bistka
Chief Quartermaster, USN

8:00 a.m. to Meridian.
Steaming course 225 psc. 8:25 beam bearing on Grays Reef lt. vessel No 57. PLR 24.5 C.C. to 220 psc. 9:00 PLR PLR 28.8, RPM 78, S. 180 lbs. Made daily inspection of magazines and S.P. samples, PLR 36 at 10:00 a.m. RPM 78, S. 180 lbs. Morning drills for supernumery crew. 11:00 Beaver Island lt abeam PLR 43.3 k. RPM 78, S. 180. 12:00 PLR 50.8 RPM 78, S. 180 lbs. Gentle southwest breezes. Barometer steady.

J. P. Krause
Carpenter, (T), USNate, USN

Meridian to 4:00 p.m.
1:00 p.m. PLR 58.5, RPM 78, S. 180 lbs. 1:12 Cat-head light abeam PLR 60. 2:00 p.m. PLR 66.9, RPM 78, S. 180 2:15 passing shower. 250 C.C. to 240 psc. PLR 72.1, 3:00 p.m. S. 180 lbs., RPM 78, PLR 73.5. 3:29 Manitou light on starboard beam. 3:44 Manitou light vessel abeam. C.C. to 267° psc. PLR 79.8, 4:00 PLR 80.6, RPM 78, S. 180 lbs. Average for watch, RPM 78, S. 178, Miles made good, 28.32. Supernumeries instructed in battery drill, marlinspike seamanship and rule of the road.

Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 p.m.
Steering course 267° psc. standard speed of 78 RPM. Changed course to 270 psc, at 4:12 p.m. PLR 82.1 k, Took in P.L. at 4:17 p.m. reading 82.5 k. Dropped anchor in So. Manitou Harbor at 4:38 p.m. in 8 1/2 fathoms of water with 40 fathoms of chain at the waters edge. Draft forward, 13' 11", aft, 15' 11" YANTIC anchored at 4:46 p.m. 5:25 yds distant, foremast bearing 348 psc. Sent whaleboat ashore for mail. Weighed anchor and got under way at 5:31. PL put out at 5:34 p.m. reading 0. YANTIC under way at 5:35 p.m. Steered various courses out of harbor. and around point until So. Manitou light bore 275° psc. At 5:48 p.m. PLR 1.4 knots. when course was changed to 208 psc. YANTIC 400 yds astern. 6:00 p.m. PLR 2.4, RPM 66.7, SP 180 lbs. moderate southwest by west breezes varying to south southwest. Barometer steady.

C. C. Cramer Jr.
Ensign, USNRF-4

6:00 p.m. to 8:00 p.m.
Steaming on course 208 psc. standard speed of 78 RPM/ Yantic in position 400 yds. astern. 7:55 sighted Pt. Betsie. dead ahead. 7:56 C.C. to 230 psc. PLR 16.5 moderate SW to WSW breezes. Passing thunder showers. Barometer rising.

Chief Quartermaster, USN

Steaming course 230opsc. beam bearing on Pt Betsie lt. PLR 20.5. 8:40 p.m. C.C. to 208 psc PLR 2233p At 8:54 beam bearing on Frankfort Lt. PLR 24.1 9:00 PLR 25 RPM 78, S. 180 lbs. 9:23 45° bearing on FRankfort lt. PLR 27.7. 10:00 PLR 32.7, RPM 78, S. 180 lbs. 11:00 PLR 40.7, RPM 78, S. 180 lbs. 12:00 PLR 48.6, RPM 78, S 180 lbs. Gentle NNW breezes, Barometer st steadiy,

J. P. Krause
Carpenter (T), USN

Approved: L. R. Rumer
Lieutenant Commander, USNR
Commanding Officer.

Examined: S. A. Halsinger
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM So/ Manitou Island, TO Great Lakes, Ill Aug. 2 1918 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	7	57	3	78		213500	208	4	NNW	29.45	69	59	56		bc	cis		4	
2	7	9	65	2	78		218180	208	4	N	29.47	69	59	55		bc	cis		4	
3	8	3	73	5	78		222860	208	4	NN	29.47	68	58	55		bc	cis		4	
4	8	3	81	8	78		227540	208	4	N	29.48	67	59	56		bc	cis		4	
5	8	3	90	1	78		232220	208	3	N	29.48	67	59	56		bc	acu		5	
6	8	3	98	4	78		236900	208	3	NXE	29.50	68	59	56		bc	scu		8	
7	8	3	6	7	78		241580	208	3	NXW	29.51	68	60	58		bc	scu		7	
8	9		15	-	78		246260	208	3	NEXN		65		60		bc	scu		7	
9	8	7	23	7	78		250940	208	3	NEXN	29.55	65	62	51		b	scu		8	
10	8	5	32	2	78		255620	208	3	NEXN	29.54	65	53	60		bc	scu		8	
11	8	1	40	3	78		260300	208	3	NEXN	29.55	65	62	62		bc	scu		8	
12	8	7	49	-	78		264980	190	3	NEXN	29.55	65	64	60		bc	scu		8	
P. M.																				
1	8	7	57	7	78		269660	190	NEXN	3	29.55	67	62	59		oc	scu		10	
2	8	3	65		78		274340	190	NEXN	3	29.54	67	63	60		oc	scu		10	
3									NEXN	3	29.53	66	63	57		oc	scu		9	
4									NEXN	4	29.53	66	63	57		oc	scu		9	
5									NNE	4	29.53	66	62	59		bc	scu		9	
6									NXE	4	29.51	66	62	59		bc	scu		7	
7									NXE	4	29.50	64	61	58		bc	scu		8	
8									NXE	4	29.50	64	61	68		bc	scu		8	
9									NXE	4	29.50	68	63	60		bc	scu		9	
10									NXE	4	29.50	69	63	60		bc	scu		8	
11									NXE	4	29.50	70	64	61		bc	scu		7	
12									NXE	4	29.52	70	64	61		bc	scu			

a. m. Latitude .....
Longitude .....

Noon. Latitude .....
Longitude .....

p. m. Latitude .....
Longitude .....

Current: Set .....
Drift .....

Magazine Temperatures:
Maximum A1 77 A2 78
Minimum 74 75

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. Received .....
Expended 13.5
On hand 122.5

Fuel oil. Received .....
Expended .....
On hand .....

Water. Distilled .....
Received .....
Expended .....
On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
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9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP USS ESSEX 2 Aug. 1918.

REMARKS.

Commences and until 4:00 a.m.
Steering course 208 psc. 1:00 PLR 57.3, RPM 78, Took beam bearing on Sable light, . 2:55 quarter bearing, PLR 64.4. 2:00 PLR 65.2 RPM S. 180 3:00 a.m. PLR 73.5, R.P.M. 78, 4:00 a.m. PLR 81.8, RPM 78, S. 180, For watch, rpm 78, S/ 180, Miles amde good, 30.3.

B A Grigg
Chief Boatswian's Mate, USN

4:00 a.m. to 8:00 a.m.
Steering course 208° psc, at standard speed of 78 RPM, YANTIC following 400 yds. astern, 5:00 a.m. PLR 81.8, R.P.M. 78, SP 180, 6:00 a.m. PLR 90.1 RPM 78, S.P. 180, lbs. 7:00 a.m. PLR 106.7? RPM 78, SP 180 lbs. Miles ade good 37.8, Crew turned to at 5:30 a.m. carrying out morning orders Started raining lightly, at 7:25 a.m. Gentle north breezes, shifting to north by east. Barometer slowly rising/

C. C. Crane Jr.
Ensign, SUNRF-4 cec

8:00 a.m. to Meridian.
Steaming as before, on course 208 psc, standard speed of 78 rpm. Yantic in posiiton 400 yds. astern. 10:15 passed Milwaukee City Hall abeam PLR 34. at 11:33 Wind pt. lt. abeam C.C. to 190 psc. PLR 44 8 11:44 Round Reef light abeam PLR 43.3 ? Made daily inspection of Magazines ans SP samples, conditions normal At 10:30 started to take on fresh water Took on 1210 gals/ water . Supernumeries instructed in wig wag, marlinespike seamanship, and manufacture of ammunition and smokeless powder. Light NE breezes. Barometer steady . Tested life buoy and ma azines flood cocks. and foune same in good working orrder.c

H. J. Pestka
Chief Quartermaster, USN

Meridian to 4:00 p.m.
12:40 Kenosha light abeam at 1334 fire drill 1:39 collision drill, 1 44 abandon ship drill. 1:25 water tank in WInthrop harbor abeam. 2:00 Waukegan light abeam PLR 65. RPM 78, S 180 obs. 2:25 Capt conning, 2:25 Patent log taken in. reading 68.4 , 2:39 at anchor with 30 fathoms of chain at the waters edge. Yantic anchored at 2:46 p.m. Afternoon drills for supernumeries. Capt Rutter ashore. Moderate NEXE breezes. Barometer steady. E. Wheeler, Mr-STd USNRF-4 was transfered to the U.S. Naval Hospital Great Lakes, Illinois. E.P. Knock, S2c USNRF was transfered to the U.S. Naval Trainging station, Great Lakes, Illinois.

J. P. Krause
Carpenter, (t) USN

4:00 p.m. to 6a:00 p.m.
NNE to NE breezes, Barometer steady.

B A Griggs
Chief Boatswain's Mate, USN

6:00 p.m. to 8:00 p.m.
Moderate north by east breezes, Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

8:00 p.m. to Midnight
Moderate north by east breezes. Barometer steady.

H. J. Pestka
Chief Quartermaster, USN

Approved:
L. R. Lunn
Lieutenant Commander, USNR
Commanding Officer.

Examined:
G. Halsinger
Lieutenant, (jg) USNRF-1 U.S.N.R., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO Chicago Ill. 3 Aug. 191

L.R.Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NNE	3	29.54	71	65	62		bc	cis		2	
2									NNE	3	29.53	71	66	63		bc	cis		2	
3									ENE	3	29.51	71	68	65		boz	cis		2	
4									ENE	3	29.52	72	68	66		boz	cis		2	
5									ENE	3	29.52	72	66	63		bc	scu		3	
6									E	3	29.51	72	66	63		bc	scu		3	
7									E	3	29.51	72	66	63		bc	scu		3	
8									E	3	29.51	72	66	63		cc	scu		3	
9									ENE	3	29.50	70	67	64		boz	scu		3	
10									E	3	29.49	70	66	65		boz	scu		7	
11									E	3	29.47	71	68	65		bcs	cicu		4	
12									ENE	3	29.47	71	68	65		bcs	cicu		5	
P. M.																				
1									ENE	3	29.46	74	67	64		boz	cicu		3	
2			17		79	2	278436	148°	E	3	29.45	72	67	64		boz	cicu		3	
3	8	5	10	2	90	6	282900	148°	ENE	3	29.44	72	68	65		boz	cicu		3	
4	10	2	20	4	93	0	289480	175°	ENE	3	29.44	72	70	68		boz	cicu		3	
5									NE	2	29.39	73	74	71		boz	cicu		3	
6									NE	2	29.38	74	74	71		boz	cicu		3	
7									NNW	1	29.37	74	76	73		boz	cicu		3	
8									NNW	1	29.36	74	76	73		boz	cicu		2	
9									NNW	1	29.39	73	71	68		boz	cis		2	
10									NNWN	1	29.38	73	71	68		boz	cis		2	
11									NNWN	1	29.37	73	71	68		boz	cis		2	
12									NNWN	1	29.35	73	71	68		bcs	cis		2	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A-1 78 A-2 75
Minimum 77 74

Compass
S. H.
Error
Variation
Deviation

Coal. { Received / Expended 8 / On hand 114

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended 448 / On hand 2464

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
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7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP U.S.S.ESSEX 3 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored at Great Lakes in 5 fathoms of water with 30 fathoms of chain at water edge. Moderate east by north breezes. Barometer steady.

Carpenter(T) USN

4:00 a.m. to 8:00 a.m.
East by North to east breezes. Carried out morning orders. Barometer steady.

Chief Boatswain Mate,USN

8:00a.m. to Meridan
Crew engaged in field day getting ready for Captains inspection. Magazine inspected and condition found was normal, S.P. samples taken. Supernumeries Quartermaster instructed in semaphore, Gunner mates in marlinspike seamanship, Coxswain in battery drill from 10:00 toll:30 a.m. Gentle east by north breezes ahifting to east. Barometer steady.

Ensign, USNRF-4

Meridan to 4:00 p.m.
1:15 Captain aboard. 1:42 Underway for Chiaago on course 101°psc Standard speed 90 R.F.M. 1:5L couse 148° psc, PLR / .5 3:27 Grosspoint light abeam, distance. 3:13 steering course 175° psc, PLR 17.3. Light NXE to NE Breezes. Barometer falling

Chief Quartermaster, USN

4:00p.m. to 6:00 p.m.
Steering course 173°psc. 4:35 Cater Harrison Crib abeam . took in patent logreading 25.2. 4:43 Steering various courses into Chicago Harbor. 5:00 A.R. 82.8, S.P. 175. 5;08 Dropped anchor in 5 1/2 fathoms of water.with 20 fathoms of chain at water edge. Bearing on Outer breakwater 68°psc. Draft forward 13'7". aft 16.5' 5:45 Received from S.Houston and Son,55o lbs potatoes and 400 lbs sandwich bread,200 loaves. 5:30 Fourteen men left for Navy Recruiting station, Chicago. vis; L.A. McGrath, J.L.Riddell, I.P.O'Neill, T.E.Coleman, R.E. Montgomery, R.E.Genung, M.Weisman, L.J.Beede, A.J.McDonald, E.Caraher, F.H.Necasek, E.H.Shork, W.T.Bright,and B.M.Solon. Light northeast breezes. Barometer steady.

Carpenter(T),USN

6:00 pm to 8:00 p.m.
Liberty party ashore at 6:10. Received from G.S.K.Great Lakes. 21 drums -white lead, 11 drums-asphaultum, 4 drums-red lead, 5 tins lamp black, 10 cans-turpentine sub., 18 boxes inside white, 4-100 lbs red seal zinz,4 boxes outside white, 1 drum pummice stone, 2 bbls linseed oil, 4 snatch blocks 10" 4 double blocks 5",1 bag pipe staps, i can graphite, 1box electric lights, 10 gals dryer , 20 gals white enamel, 1 box aluminum bronz, 3 boxes engine room stores, 16 lengths conduct pipe, 3 bales cotton waste, 1 pans baking. North by west breezes. Barometer steady. Morenz, W.H; Mooney, B.L. Cristoe,W.J. left on leave of absenseat 7:00.

Chief Boatswain Mate, USN

8:00 p.m. to Midnight
Finished stowing stores. Light Northwest by north breezes. Barometer steady.

Chief Boatswain Mate, USN.

Approved:
Lieutenant Commander, USNR
Commanding Officer

Examined:
Lieutenant, (jg) USNRF-T., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP USSEM

AT OR EN ROUTE FROM Chicago, Ill. TO _____ 4 Aug. 1918. 191

L.S. Butler, Lieut. Comdr. USN. U. S. Navy, Commanding.

HOUR	KNOTS	KNOTS	KNOTS	KNOTS	KNOTS	KNOTS	KNOTS	KNOTS	KNOTS	WIND. DIRECTION	WIND. FORCE	BAROMETER. HEIGHT IN INCHES	BAROMETER. TUBE AT	TEMPERATURE. AIR DRY BULB	TEMPERATURE. AIR WET BULB	TEMPERATURE. WATER AT SURFACE	WEATHER BY SYMBOL	CLOUDS. FORM	CLOUDS. MOVED FROM	CLOUDS. AMOUNT	REM.
A.M.																					
1										NNW	1	29.35	75	71	68		bcs	cis		4	
2										NNW	1	29.34	75	71	68		bcs	cis		4	
3										NNW	1	29.32	75	70	67		bcs	cis		4	
4										N	1	29.32	75	70	67		bcs	cis		5	
5										CALM		29.30	75	70	67		bcs	cis		4	
6										CALM		29.30	75	70	67		bcs	cis		5	
7										CALM		29.30	75	75	72		bcs	scn		7	
8										SWLM		29.30	75	75	75		bcs	scn		7	
9										SW	1	29.30	75	78	75		bcs	scn		7	
10										SSW	1	29.30	74	78	75		bcf	as		8	
11										NNW	1	29.28	75	80	77		bc	nim		8	
12										NNW	1	29.32	75	80	78		bc	nim		9	

Lat. by D.R. Latitude _____ Longitude _____

Lat. by Obs. Latitude _____ Longitude _____

Lat. by E.P. Latitude _____ Longitude _____

Current. Set. _____ Drift. _____

Magazine Temperatures:

	A-1	A-2
Maximum	78	75
Minimum	77	74

Compass _____

S. H. _____

Error _____

Variation _____

Deviation _____

Coal. Received _____ Expended 9. On hand 105.

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended 292 On hand 2272

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P.M.																					
1										NNE	2	29.26	76	75	73		bcr	nim		8	
2										SE	1	29.28	76	80	77		bcr	ast		8	
3										SSE	2	29.28	75	73	70		bcr	ast		8	
4										SSE	2	29.24	75	75	72		bcr	acu		8	
5										S	2	29.24	76	78	75		bcr	acu		8	
6										S	1	29.24	76	77	74		bcr	acu		8	
7										S	1	29.24	76	77	74		bcr	acu		8	
8										S	1	29.24	76	76	73		bcr	acu		8	
9										S	0	29.24	77	77	74		bcr	acu		5	
10										CALM		29.25	77	77	74		bcr	acu		5	
11										CALM		29.25	77	76	73		bcr	acu		4	
12										CALM		29.25	77	76	73		bcr	acu		4	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 4 Aug 1918

REMARKS.

Commences and until 4:00 a.m.
Steam on #2 boiler for Auxuilary purpose. Light Northwest breezes. Barometer falling.

H. J. Pestka
Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.
Liberty party returned with no absentees. Calm. Barometer steady

B. L. Grieg
Chief Boatswain Mate, USN

8:00 a.m. to Meridian
Made daily inspection of magazine and S.P. samples. 10:05 Church party shoved off. 10:07 Captain Rutter ashore. 11:23 Captain aboard. Light NNW breezes. Barometer unsteady.

J. P. Krause
Carpenter (T) USN

Meridan to 4:00 p.m.
Church party returned. A.D. Carver left ship on leave of absentfrom 8:00a.m. Aug. 5 to 8:00 a.m. Aug. 12. Variable NE to SE breezes. Barometer falling.

H. J. Pestka
Chief Quartermaster, USN

4:00 p.m. to 6:00 p.m.
Light Southeast to south breezes. Barometer steady.

H. J. Pestka
Chief Quartermaster, USN

6:00 p.m. to 8:00 p.m.
6:30 Link, C.C.M. left ship on leave of absense for ten days expiring at 8:00 a.m. 19 Aug 1918.

J. P. Krause
Carpenter (T) USN

8:00 p.m. to Midnight
9:55 Captain Rutter and visitors shoved off. Light East breezes Barometer steady.

J. P. Krause
Carpenter (T) USN.

Approved:
L. R. Rutter
Lieutenant Commander, USNR
Commanding Officer

Examined:
E. W. Hedenberg
Lieutenant (jg) USNRF, U.S.N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Ill. TO ____, 5 Aug. 1918, 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSE	1	29.21	75	73	70		bc				
2									WSW	1	29.24	75	73	70		bc				
3									WSW	1	29.25	75	73	70		bc				
4									WSW	1	29.25	75	72	69		bc				
5									NW	1	29.25	75	73	70		bc	cicu			5
6									NW	1	29.25	75	73	70		bcz	cicu			4
7									NW	1	29.25	76	74	71		bcz	cicu			5
8									NW	1	29.25	76	74	71		bcz	as			7
9									NNE	1	29.25	76	74	71		bcz	as			6
10									SSE	1	29.25	76	76	73		bcz	as			6
11									SSE	1	29.30	77	80	77		bcz	as			6
12									SSE	1	29.35	82	86			bcz				5
P. M.																				
1									see	1	29.33	82	98	95		bcf	cis			5
2									wsw	1	29.33	82	98	95		bcf	cis			5
3									wsw	1	29.33	85	10097			bcf	cis			5
4									wsw	1	29.33	85	10398			bcz	cis			5
5									wsw	1	29.32	87	100101			bcz	cis			5
6									wsw	1	29.33	87	98	98		bcz	cis			5
7									wsw	1	29.32	89	95	95		bcz	cis			2
8									wsw	1	29.34	88	92	92		bcz	cis			2
9									wsw	1	29.38	87	90	89		bcz	cis			2
10									wsw	1	29.37	87	91	87		bcz	cis			2
11									wsw	1	29.37	88	88	88		bcz	cis			2
12									wsw	1	29.38	88	88	85		bcz	cis			2

a. m. { Latitude ____ Longitude ____

Noon. { Latitude ____ Longitude ____

p. m. { Latitude ____ Longitude ____

Current { Set ____ Drift ____

Magazine Temperatures:

Maximum	A1 77	A2	76	
Minimum	77		75	

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal { Received ____ Expended ____ On hand ____

Fuel oil. { Received ____ Expended ____ On hand ____

Water. { Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 5 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.

Damers, Sea2c, Gunners Mates School returned at 12:00 mid., two hours overtime after being granted permission to go ashore to get his shoes returned to the ship drunk and dirty. Steam in #2 boiler for auxiliary purposes. Light NW airs. Barometer steady.

H. J. Pustka
Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.

Reveille at 5:00 a.m. Turn to at 5:30 carrying out morningorders. Liberty party returned , 1 absentee, J.H. Jennings. Cab-ck, USNRF-4. Light NW airs. Barometer steady.

J. P. Krause
Carpenter (T), USN

8:00 a.m. to Meridian.

All hands engaged in painting ship. Magazines inspected and conditions found normal. S.P. samples taken. Received from Burkhalter heath Co., 1008 lbs. bread. Received from Consumers Ice Co., 2000 lbs. ice. Received from Morris and Co., 150 lbs. pork sausages. Received from Osaar Mayer Co., 150 lbs smoked ham. 100 lbs. beef liver, 100 Ibs. liver sausages. Received from C.H. Weaver Co., 6 cases eggs. Received from Arnold Bros. 200 lbs. Hamburg. 150 lbs. luncheon meat., 6 cases Light airs shifting from north northeast to south southwest. Barometer steady.

C. C. Crowley
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

W.J. Durfee, and V.D. Reed was this date granted 5 days leave of absence with 2 days travel time. Leave to expire 1:00 p.m. Aug 12th. Received from S. Houston Co., 5000lbs. potatos, 150 lbs. onions. 108 lbs peaches. From Morris Cohen Co., 250 lbs. onions. 175 lbs. corn, 256 lbs. butter, 66 lbs. cheese, 201 lbs. pork butts. Received canteen stores. Light WSW airs. Barometer steady.

H. J. Pustka
Chief Quartermaster? USN

4:00 p.m. to 8:00 p.m.

5:30 liberty party ashore. 7:30 swimming party left ship, 31 men Swimming party returned at 8:00 p.m. T.G. Brennan, S2c, USN left ship on 5 days leave of absence. Light SWS airs. Barometer lightly rising.

B. A. Grieg
Chief Boatswain's Mate, USN

8:00 p.m. toMidnight.

Light west southwest airs. Barmmeter steady.

C. C. Crowley
Ensign, USNRF-4 cec

Approved: L. R. Lucas
Lieutenant Commander, USNR
Commanding Officer.

Examined: F. K. Kelsey
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO Great Lakes, Ill. 6 Aug/ 1918. 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWXW	1	29.38	87	86	83		bz				
2									SW	1	29.39	86	85	83		bz				
3									SW	2	29.38	85	84	81		bz				
4									SW	2	29.36	85	84	81		bz				
5									SW	2	29.36	85	84	81		bcz				
6									SW	2	29.41	85	83	80		bca	as		8	
7									SW	2	29.42	85	82	79		bcz	as		8	
8									SW	2	29.45	85	85	82		bcz	as		7	
9									SW	2	29.45	85	86	83		bcz	as		7	
10	3	6	3	6	65	9	298445		SW	1	29.44	83	81	78		bcz	as		1	
11	7	7	11	3	75	5	302975	320	SW	1	29.45	82	82	79		bcz				
12	8	-	19	3	78	9	307810		SW	1	29.42	82	84	81		bz				
P. M.																				
1	8	-	27	3	76	2	312285		SW	1	29.40	84	86	83		bcz	cis		2	
2									SW	1	29.40	87	96	93		bcz	cis		1	
3									SW	1	29.39	88	96	93		bcz	cis		1	
4									SW	1	29.38	88	96	94		bcz	cis		1	
5									SW	1	29.38	88	97	93		bc	cis		4	
6									SW	2	29.38	87	96	92		bc	cis		4	
7									SW	2	29.38	86	95	90		bc	cis		4	
8									SW	1	29.39	84	93	87		bc	cis		4	
9									SW	1	29.41	87	90	83		bc	cis		4	
10									SW	1	29.42	85	87	82		bc	cis		3	
11									SSW	1	29.41	85	85	82		bc	cis		3	
12									SSW	1	29.41	83	85	80		bc	cis		2	

83

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum A1 83 A2 78
Minimum 80 77

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 6.6 / On hand 95

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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4		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 6 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor with 20 fathoms of chain at the waters edge. Light variable airs. Barometer steady.

B A Griep
Chief Boatswain's Mate, USN

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders. Liberty party aboard by 7:00 a.m. No absentees. Fires in Boiler "B lighted at 4:00 a.m. Steam formed at 6:00 a.m. Cut in at 7:00 a.m. Light southwest breezes. Barometer slowly rising.

C. C. Cooper Jr.
Ensign, USNRF-4

8:00 a.m. to 12:00 noon.
Made daily inspection of magazies and S.P. samples. 8:05 3 carpenters and 2 engineers ashore to work on motor boat. 9:01 YANTIC underway. 9:03 under way. 9:11 heading out of harbor. 9:34 Patent Log out reading 0. 9:40 abeam Carter Harrison Crib. PLR .7 knots. Course 352° psc. Morning drill for supernumeries in battery drill, wig wag signalling and nomenclature of Springfield rifle. 10:00 PLR 3.6, RPM 65, Steam 180 lbs. 10:30 changed course off Gross Pt Light PLR 7.3, to 335 psc. 10:35 a.m. taking on water, 10:55 finished taking on water 1248 gals. 11:00 began tactical drill of ships? Yantic lading 11:00 PLR 11.3 RPM 75, S. 180 lbs. 12:00 changed course to 322 psc, PLR 19.3 12:00 PLR Average for watch. R. P.M. 78, S. 180 Light SW airs. Barometer fluctuating.

J. L. Krause
Carpenter (T), USN

Meridian to 4:00 p.m.
Abeam of Ft Sheridan Tower 12:19. 1:00 RPM 76, S. 180 lbs? PLR 27.3' 1229 at anchor off Great Lakes, with 20 ftahoms of chain at the waters edge, in 3 1/2 fathoms of water. Yantic anchored at 1:39 p.m. Ex-caliber drill for supernumery gun crews. Light SW airs. Barometer steady.

B A Griep
Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 p.m. Light south west airs. Barometer steady.

A. J. Leatha
Chief Quartermaster, USN

6:00 p.m. to 8:00 p.m.
Swimming party held from 7:00 p.m. t 7:30 p.m. Light southwest airs. Barometer steady.

C. C. Cooper Jr
Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
8:26 Capt. Cooper aboard from Yantic. 7:35 Capt Cooper left ship. Light SSW airs. Barometer steady.

J. L. Krause
Carpenter, (T), USN

Approved:
L. R. Rueu
Lieutenant Commander, USNR
Commanding Officer.

Examined:
G. Halsey Jr
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO _____, 7 Aug 1918, 191

L.R. Rutter, Lieut. Comdr., USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWXS	1	29.41	84	81	78		bc	cis		2	
2									SWXS	1	29.42	83	80	77		bc	cis		2	
3									SWXS	2	29.42	83	80	77		bc	cis		2	
4									SWXS	2	29.42	83	80	77		bc	cis		2	
5									SWXS	1	29.42	82	86	83		bc	scu		8	
6									SWXS	1	29.42	80	85	82		bc	scu		8	
7									SWXS	1	29.44	80	85	82		bc	scu		8	
8									SWXS	1	29.43	80	84	81		bc	scu		8	
9									SWXS	1	29.45	80	84	81		bc	scu		8	
10									SWXS	1	29.45	80	85	82		bc	cis		8	
11									SWXS	1	29.45	81	86	83		bcz	cis		8	
12									SW.	1	29.45	82	90	87		bcz	cis		7	
P. M.																				
1									SWXS	1	29.45	85	95	92		bc	cis		2	
2									WSW	1	29.44	87	97	94		bc	cis		2	
3									SSW	1	29.44	88	94	91		bc	acu		2	
4									SWW	1	29.44	89	96	93		bc	acu		2	
5									N	3	29.39	87	82	79		bc	acu		2	
6									NXW	2	29.38	80	72	69		bcz	acu		5	
7									NXE	2	29.38	80	72	69		bcz	cis		4	
8									NXE	1	29.38	80	70	67		bcz	cis		3	
9									NXE	1	29.41	80	70	67		bcz	cis		3	
10									NE	1	29.42	80	71	67		bcz	cis		3	
11									NE	1	29.41	79	69	66		bcz	cis		3	
12									NE	1	29.40	76	69	66		bcz	cis		3	

a.m. Latitude _____
Longitude _____

Noon. Latitude _____
Longitude _____

p.m. Latitude _____
Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum A1 84 A2 76
Minimum 83 75

Compass _____
S. II _____
Error _____
Variation _____
Deviation _____

Coal: Received _____ Expended 6.1 On hand 88.8

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 7 Aug/ 1918

REMARKS.

Commences and until 4:00 a.m.
Light SWXS airs, to light bréeze. Barometer steady/ At anchor off Great Lakes, Ill. in 3 1/2 fathoms of water with 20 fathoms of chanin at the waters edge.

B A Grieg
Chief Boatswain's Mate, USN

4:00 a.m. to 8:00 a.m.
At 6:30 a.m. sighted Gopher standing in at 6:27. Gopher anchored 700 yds. off starboard beam. Carried out morning orders. Light WSW airs Barometer steady.

A. J. Restka
Chief Quartermaster, USN

8:00 a.m. to Meridian.
Crew engaged in carrying out morning orders. Magazines inspected and conditions found normal. S.P. Samples taken. Weighed anchor and got underway for targe practice at 9:16 a.m. USS YANTIC underway at 9:32 a.m. Fired on range with Yantic from 9:30 to 11:40 a.m. Stood in and anchored at 11:57 a.m. in 3 3/4 fathoms of water with 20 fathoms of chain at the waters edge. Supernumeraries instructed in boats under sail, bore sighting and stowing of ammunition and ex-caliber practice. Light southwest by west airs. Barometer steady. USS Gopher underway and headed south at 10:50 a.m.

C. C. Cramer
Ensign, USNRF-4

Meridia to 4:00 p.m.
12:05 Yantic anchored 420 yds. astern. 12:35 Bearing on Station Tower 301 psc. Water Tower, 330 psc. 2:30 receiv d from Great Lakes, 1 bdl cable, 1 bdl pillows. , one box electrictal supplies. Supernumeraries instricted in boats undero oars and sails, wig wag signalling and dattery drill. Light SWW Airs. Barometer steady.

J. P. Krause
Carpenterm (T), USN

4:00 p.m. to 6:00 p.m.
Received from Great Lakes, 160 rounds 3-pdr. target practice Received from Great Lakes, 480 lbs. Milk and 480 lbs salmon, 225 lbs. peaches 425. prunes, 285 lbs, string beans, 630 lbs. tomatos, 225 lbs. apricots. 150 lbs baking powder, 300 lbs. peas 1000lbs flour 1000 lbs. 500 raisins, 215 lbs. lbs. rice/ 200 lbs brown sugar, Paid out 5 fathoms of chain, 25 fathoms now at the waters edge.

B A Grieg
Chief Boatswain's Mate, USN

6:00 p.m. to 8:00 p.m.
Light north east airs, Barometer steady.

A. J. Restka
Chief Quartermaster, USN

8:00 p.m. to Midnight.
Ex-caliber practice held from 9:00 p.m. to 9:45 p.m. Light north east airs, shifting to light north breezes. Barometer steady.

C. C. Cramer
Ensign, USNRF-4 cec

Approved:
L. R. Lucas
Lieutenant Commander, USNR
Commanding Officer.

Examined:
E. Kalmeyer
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

4—2399

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill TO ____ 8 Aug. 1918. 191

L.R.Rutter, Lieut. Comdr. usnr., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.									NXE	3	29.37	77	68	65		b				
1									ENE	2	29.37	77	70	67		b				
2									NEXE	1	29.38	76	70	67		b				
3									NEXE	1	29.38	76	70	67		b				
4									S	1	29.38	76	70	67		bcz	as		1	
5									SXW	1	29.35	75	80	67		bcz	acu		1	
6									SW	1	29.35	75	75	72		bxz	acu		5	
7									SWXS	1	29.36	75	77	74		bcz	acu		7	
8									SSW	1	29.35	80	82	79		bcz	cicu		7	
9									SSW	1	29.35	81	82	79		bc	cicu		7	
10									SSW	1	29.36	81	79	76		bc	cicu		7	
11									SSW	2	29.35	80	79	76		bc	cicu		7	
12																				

8 a. m. { Latitude ____ Longitude ____

Noon. { Latitude ____ Longitude ____

8 p. m. { Latitude ____ Longitude ____

Current { Set ____ Drift ____

Magazine Temperatures:

Maximum A1 84 A2 81

Minimum 83 79

Compass ____

S. H ____

Error ____

Variation ____

Deviation ____

Coal. { Received ____ Expended 5.6 On hand 83.2

Fuel oil. { Received ____ Expended ____ On hand ____

Water. { Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									S	2	29.34	80	79	66		bc	cicu		8	
2									S	2	29.32	81	78	75		bc	cicu		6	
3									SW	2	29.29	82	85	82		bc	cicu		7	
4									SW	2	29.28	86	87	84		bc	cicu		7	
5									NE	2	29.28	86	88	85		bc	scu		8	
6									NW	2	28.27	80	88	85		bc	scu		8	
7									N	3	29.30	80	87	76		bcr	n		10	
8									N	3	29.33	79	66	63		bcr	n		10	
9									N	3	29.34	77	66	63		bcr	n		10	
10									N	3	29.37	76	66	63		bc	cis		6	
11									N	3	29.39	75	66	61		bc	cu		6	
12									N	3	29.41	75	66	61		bc	cu		9	

1—2509

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 8 Aug/ 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor off Great Lakes, Ill? in 5 fathoms of water with 20 fathoms of chain at the waters edge. Light NEXE air. Barometer steady.

Carpenter (T), USNR

4:00 a.m. to 8:00 a.m.
Carried out morning orders. Light variable airs. Barometer steady.

Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.
Yantic mortor boat was given 5 gals. gasolene, at 9:30 a.m. Lieut. Ronan and three other officers came aboard to witness the target practice. At 9:33 Yantic underway. 9:35 a.m. got underway and stood out on range. Commenced firing at 10:39 a.m. Made daily inspection of magazines and S.P. samples? conditions normal. Light SSW airs. Barometer steady.

Chief Quartermaster, USN

Meridian to4:00 p.m.
On firing range at 12:00 p.m. 3rd run firing starboard battery, 40 rounds, 22 hits, time 6 min, 50 seconds. 4th run firing port battery 40 rounds, 22 hits, time 7 minutes. Stood out toward berth south of target for observation and dropped anchor at 1:00 p.m. in 7 /12 fathoms of water with 40 fathoms of chain at the waters edge. Lieut. Comdr. McClurg brought aboard at 1:12 p.m. on the S.P. 1711. USS YANTIC underway at 2:32 p.m. coming on range for target practice at 2:45 p.m. Repairsent out in station launch aftere each run. Lieut. Comdr. McClurg with Lieut Goodwin and Ensign Clow left the ship on S.P. 1711. at 3:46 1st and 2nd divisions engaged in scrubbing hammocks. Light south breeze shifting to west southwest. Barometer falling.

Ensign, USNRF-4 ced

4:00 p.m. to 6 ;00 p.m. USS YANTIC firing on range. Essex observing. USS Yantic discontinued firing at 5:15 p.m. Weighed anchor and stood in toward shore at 5:41 p.m. USS Yantic anchored off Great Lakes, at 5:43 P.m. Dropped anchor off Great Lakes, at 5 :59 p.m. in 4 fathoms of water with 25 fathoms of chain at the waters edge. Light southwest breeze Barometer steady.

Ensign, USNRF-4 cec

4:00 p.m. to 8:00 p.m.
Light NXE breezes. Barometer steady. Passing showers.

Chief Boatswain's Mate, USN

8:00 p.m. to 12:00 p.m.
Gentle north breezes. Barometer steady.

Chief Quartermaster, USN

Approved:
Lieutenant Commander, USNR
Commanding Officer.

Examined:
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, TO _____, 9 Aug. 1918. 191

L.R. Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NXE	2	29.43	74	66	63		co	cu		10	
2									N	2	29.43	74	66	63		co	cu		10	
3									N	2	29.43	74	65	62		co	cu		10	
4									NXW	2	29:43	73	65	62		co.	cu		10	
5									NXE	1	29.44	76	64	61		ocz	as		10	
6									NXE	1	29.44	76	65	62		ocz	as		10	
7									NXE	1	29.33	76	63	60		ocz	as		10	
8									NXE	1	29·33	76	62	59		ocz	as		10	
9									NXE	1	29·44	76	64	61		ocf	as		10	
10									NWXE	11	29.48	71	64	61		ocf	as		10	
11									NEXN	1	29.48	71	64	61		cofm	as		10	
12									NEXN	1	29.48	71	64	61		ocfm	as		10	
P. M.																				
1									NXE	1	29.47	70 71	67			cf	as		10	
2									NXE	1	29.47	71	74	71		cf	as		10	
3									NEXE	1	29.45	71	72	69		bcf	as		10	
4									NEXE	1	29.43	72	68	65		bcf	as		9	
5									NEXE	1	29·40	72	70	62		bcz	cicu		7	
6									NEXE	1	29.40	72	68	65		bcz	scu		8	
7									ENE	1	29/39	72	67	65		bcz	scu		8	
8									E	1	29.38	71	67	64		bcz	scu		8	
9									E	1	29/37	70	66	63		bc	cis		3	
10									E	1	29.38	70	67	64		bc	cis		1	1
11									SE	1	29.38	70	67	64		bc	cis		1	
12									SE	1	29.38	7o	67	64		bcz	cis		9	

Lat. and Long. a.m. / Noon / p.m.

Current: Set / Drift

Magazine Temperatures: Maximum A1 83 A2 81; Minimum 82 80

Compass
S. H
Error
Variation
Deviation

Coal: Received 4.7; Expended; On hand 78.5

Fuel oil: Received; Expended; On hand

Water: Distilled; Received; Expended; On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
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7		
8		
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(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX 9 Aug 1918. Date ....., 191

6:00 p.m to 8:00 p.m. (Cont)
The following men were transfered to the Quartermaster School:

Williams, B.T.	Brooks, J.L.	Frye, E.K.	Shomaker, O.E.
Aronheim, R.E.	Burnett, H.	Grady, D.J.	Smith, W.
Anderson, H.P.	Clark, H.G.	Grimsley, H.A.	Thomas, J.R.
Breithaup, C.	Clayton, W.C.	Hedlund, E.E.	Waller, L.W.
Burke, J.O.	Curran, W.J.	Johnson, H.E.	White, H.B.
Baker, R.F.	Deutsch, J.L.	Lorvig, O.J.	Zorn, B.C.
Baxter, A.J.	Denimma, J.J.	Martin, E.J.	Engle, C.J.
Birt, H.R.	Faust, J.E.	Reeser, P.C.	Foster, E.
Bodkin, H.T.	French, R.C.	Reinhart, N?	
Bowen, E.	French, R.L.	Schmitt, G.L.	

P. Reeves Sea USN left ship on 12 days leave of absenc commencing at 7:00 p.m. 8/9/18 and expiring 7:00 p.m. 8/21/18. Light variable airs. Barometer steady.

C. C. Crane Jr.
Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
Light E to SE airs. Barometer steady.

B A Griggs
Chief Boatswain's Mate, USNR

Approved:
L. R. Lurtz
Lieutenant Commander, USNR
Commanding Officer.

Examined:
G. H. Holcombe
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 9 Aug, 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor off Great Lakes, Ill. in 4 fathoms of water with 25 fathoms of chain at the waters edge. Administration Bldg. Tower bearing 305° psc. Waukegan light 0 psc. Steam in both boilers. Light north east by north breezes. Barometer steady.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Reveille at 5:00 a.m. Turn to at 5:30 a.m. carrying out morning orders. Light drizzling rain at 6:55. Light NXE airs. Barometer steady.

J. P. Knauel
Carpenter, (T), USN

8:00 a.m. to Meridian
Tested life buoys and magazine flood cocks and found same in good working order. Made daily inspection of magazines and S.P. samples and found same in good condition. Capt. Cooper aboard at 8:45 a.m. Capt Cooper left ship at 9:50 a.m. Capt. Moffett aboard to inspect ship . left ship at 11:00 a.m. 11:15 Gopher anchored. Light variable airs. Barometer steady.

B. W. Grieg
Chief Boatswain's Mate, USNR

Meridian to 4:00 p.m.
At 12:30 Yantic underway. Received from J.F. Kennedy Ice Co. 8500 lbs ice. At 2:30 p.m. Gopher got underway. At 3:02 got underway. At 3:31 anchored south of target for spotting purpose. At 3:37 Yantic on range and continued firing. Light NEXEa airs. Barometer steady.

Chief Quartermaster? USN

4:00 p.m. to 6:00 p.m.
USS YANTIC finished firing at 5:40 p.m. and sttod in toward old anchorage. Weighed anchor and got underway, standing in toward shore at 548 p.m. Light north east by east airs. Barometer falling.

C. C. Crowe Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
USS YANTIC anchored at 6:05 p.m. Dropped anchor at Great Lakes, at 6:10 p.m. in 4 fathoms of waterwith 20 fathoms of chain at the waters edge. All supernumeraries from the from the Coxswains, Gunner's Mates and Quartermaster schools shoved off with baggage at 6:45 p.m. except these following named men who were transfered to ships company: Lawrence, R.E. Long, M.E.; Matthews, A.E.; McFaul, T.; Mack, H.L.; Schulte, E.R.; Seay, F.W.; Technow, O.; Tuncil, A.A.; Wolf, B.L.; Anderson, M.P.; Sicking E.; Davis, R.C.; Schyan, C.H.; The following men were transfered tot the Coxswains school in charge of P.C. Christensen, H.J.:

Keating H.J.	Potter, G.A.	Theroux, W.	Ziegler, G.E.
Lemker, R.C.	Purple, F.A.	Trester, G.R.	StOnze, F.J.
Luepke, U.H.	Randt, E.L.	Taylor, H.M.	Bestle, H.R.
Loebe, E.F.	Rosmer, W.J.	Wernert, E.A.	Wood, W.B.
Moinet, R.C.	Smith, R.S.	Wagner, V.C.	Smullin, W.D.
Mullins, G.J.	Schornstedt, L.C.	Weatherly, C.B.	
Noble, M.A.	Skutt, R.	Yoas, R.G.	
Overpeck, H.K.	Tullis, C.R.	Yoas, H.A.	
O'Donnell, J.B.	Taylor, J.J.	Yost, H.W.	

The following men were transfered to the Gunner's Mates School:

Albert, E.	Clarke, R.E.	Gittings, J.E.	Lindhart, H.J.
Allison, W.C.	Cunico, C.F.	Litten, L.D.	Litten, C.D.
Aman, A.E.	Dammers, W.H.	Glick, J.W.	Maddox, E.A.
Beach, L.D.	Davis, B.T.	Graham, G.H.	Maile, M.W.
Benjamin, I.	Durkin, P.H.	Grizzle, R.C.	Mason, R.L.
Bullock, M.F.	Edwards, D.	Hartenstine, E.E.	Michelson, M.
Brown, E.L.	Elwarts, O.J.	Henderson, P.I.	Preston, L.W.
Cabana, F.I.	Erickson, A.	Igle, T.	Stover, W.L.
Cahn, J.	Forrester, W.M.	Keating, J.	Cooley, O.
Calloway, R.	Frochetnigh, A.J.	Labeau, J.A.	Davis, W.D.
Chinouth, W.H.	Gibbs, L.R.	Ladoucer, B.D.	Mead, T.L.

Approved: L. A. Cowen
Lieutenant Commander, USNR
Commanding Officer.

Examined: G. Hakewessar
Lieutenant (jg), USNRF-1

U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, TO Chicago 10 Aug 1918, 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Tenths.	Tenths.	Tenths.	Average Hourly.	Tenths.	Mean Course.	Course.	WIND. Direction.	WIND. Force.	BAROMETER. Reading in Inches.	BAROMETER. Corr. At.	TEMPERATURE. Air Dry Bulb.	TEMPERATURE. Air Wet Bulb.	TEMPERATURE. Water at Surface.	Weather by Symbols.	CLOUDS. Form.	CLOUDS. Moving From.	CLOUDS. Amount.	Sea.
A.M.																					
1										SE	1	29.41	71	67	64		bc	cis		7	
2										SE	1	29.40	71	68	65		bc	cis		7	
3										SSE	1	29.38	71	68	65		bc	cis		7	
4										SSE	1	29.38	70	68	65		bc	cis		7	
5										ESE	1	29.37	70	68	65		bc	cis		5	
6										ESE	1	29.37	70	68	65		bc	cis		5	
7										SE	1	29.37	70	70	67		bc	cis		8	
8										SSW	2	29.38	72	70	67		ocf	cis		8	
9										WSW	2	29.39	73	71	68		cf	n		8	
10										W	1	29.39	71	64	61		cf	n		9	
11										SSW	1	29.36	78	69	69		cz	scu		9	
12	4	7	4	7	89	5	537570	148		SSW	1	29.36	73	74	71		cz	as		8	
P.M.																					
1	9	3	14	—	90	5	545020	148		SSW	1	29.36	73	76	75		oz	as		10	
2	9	3	23	3	90	—	548420	175		SWbS	2	29.38	75	79	76		bcz	as		7	
3										SW	1	29.38	78	87	84		bcz	cu		1	
4										SWbW	1	29.38	79	90	87		bcz	cicu		3	
5										SWbW	1	29.37	80	90	87		bcz	cicu		3	
6										SWbW	1	29.37	82	90	87		bc	cicu		5	
7										SWbW		29.37	83	89	86		bc	cicu		4	
8										SWbW	1	29.37	83	88	85		bc	ci		5	
9										SSW	1	29.37	82	81	77		bc	ci		5	
10										SSW	1	29.40	82	82	79		bc	ci		5	
11										SSW	1	29.40	81	82	79		bc	ci		5	
12										SSW	1	29.40	81	82	79		c	ci		5	
											1						bc				
																	bc				

Lat. Latitude
Long. Longitude

Noon: Latitude
Noon: Longitude

Lat. Latitude
Lat. Longitude

Current: Set
Current: Drift

Maximum Temperatures: Maximum 91 84 82 81
Minimum 83 80

Compass
S. H
Error
Variation
Deviation

Coal: Received
Coal: Expended 6.7
Coal: On hand 71.8

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX ..... Date 10 Aug/ 1918. ....., 191

4:00 p.m. to 6:00 p. .
4:12 p.m. liberty shoved off. Light SW airs. Barometer steady.

J. P. Krause
Carpenter (T), USN

6;00 p.m. to 8:00 p.m.
T.G. Brennan, reported on board from 5 days leave of absence.
C.H. Hagaman, Sea, USN left ship on 3 days leave of absence expiring noon Aug. 13th, 1918. Light SWXW airs. Barometer steady.

B. A. Griep
Chief Boatswain's Mate, USN

8:00 p.m. to Midnight.

Light SSW airs. Barometer steady. No Remarks.

B. A. Griep.
Chief Boatswain's Mate, USN

Approved:

A. R. Rumer
Lieutenant Commander, USNR
Commanding Officer?

Examined:

G. H. Adsit
Lieutenant (JG), USNRF-1 *U. S. N., Navigator.*

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 10 aug. 1918

REMARKS.

Commences and until 4:00 a.m.
Steam on boiler A. and B. for auxilliary purpose. Light south east airs. Barometer steady.

Chief Quartermaster, USN

4:00 a.m. to8:00 a.m.
Reveille at 6:30 a.m. Crew turned to at 7:00 a.m. carrying out morning orders. Light west southwest airs. Barometer steady.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
Received from the Gunners' Mates school the following men: Strite, K.D.

Sullivan, J A	Bowdle, O.C.	Hoefer, O.H.	Marshall, G.A.
Swindler, N.V.	Buckley, J.A.	Holt, N. B.	MacMahon, E.V.
Uecker, R.W.	Beaber, L.R.	Ellis, D.	Croo ds, C.E.
Timmer, E.J.	Bolender, E.	Jackson, C.H.	Reynolds, C.L.
Van Every, F.H.	Buckland, R.P.	Kennedy, W.A.	Moeller, H.
Varner, D.B.	Byron, P.L.	Klermund, C.J.	Olive, J.V.
Winchell, R.A.	Corbett, L.C.	Knickerbocker, M.R.	Olive, E.W.
Wuerth, H.J.	Cummings, C.L.	Korte, L.W.	Percival, F.A.
Bendure, W.L.	Delacy, C.E.	Lee, Elmer,	Potter, W.L.
Bird, C.M.	Haston, N.C.	Lockwood, H.K.	Quinn, D.F.
Regelin, A.J.	Royalty, A.L.	Skeate, F.	Sowash, P.K.

Took on the following men from the Coxswain's School: O. Thompson in charge

Anderson, A.R.	Ernst, G.M.	Hyde, S.N.	Miller, G.B.
Ashly, E.C.	Fitzpatrick, R.J.	Hughes, E.F.	McDonald, J.M.
Blazier, C.R.	Flannigan, W.R.	Lampreght, H.F.	Newcomb, D.A.
Bott, R.E.	Freeman, H.	Hub er, M.F.	O'Connell, R.J.
Bradley, I.O.	Galinski, T.	Kutal, C.G.	Alexander, E.C.
Charleton, J.E.	Galenza, T.A.	Krell, J.H.	Ashby, T.R.
Carnahan, F.G.	Goodman, F.R.	Krugh, R.	Beeson, F.A.
Crouch, C.L.	Graco, G.	Larson, C.P.	Strassberg, F.
Cook, E.	Glaus, W.P.	Loftus, J.V.	Morgan, R.
Carney, C.D.	Gossard, D.	Limpert, G.C.	Morgan, L.
Datt, H.W.	Grazer, A.	McNamara, E.J.	Moore, J.B.
		Malone, T.N.	

Received the following men from the Quartermaster'sSchool R.A. Pease in charge

Ramsey, H.G.	Reynolds, C.	Ecker, P.M.	McGlade, M.R.
Raymond, L.E.	Burnham, C.R.	Frost, B.	Meyers, G.S.
Reynolds, L.D.	Atwell, H.	Ferguson, F.C.	McLean, A.J.
Rudolph, H.A.	Albright, W.H.	George, C.H.	Nance, T.B.
Schroeder, J.F.	Ash, J.L.	Gillette, F.C.	Riordan, J.J.
Sheets, G.A.	Burchitt, J.P.	Gause, A.Q.	Rice, G.W.
Stull, F.C.	Corlew, N.C.	Hamilton, F.L.	Smalley, J.H.
Tyre, W.L.	Carleton, R.B.	Kavanagh, F.P.	Chilelli, N.
Wells, F.R.	Cornell, S.	Lillis, S.E.	Stoeckel, A.F.
Benson, L.H.	Dietrich, S.R.	Lannan, M.M.	

At 9:30 returned to Great Lakes, 160 empty 3-Pdr. cartridge cases, and 10 3-Pdr. ammunition chests, and 4 boxes of empty rifle cartridge cases. Capt. Rutter aboard at 11:00 a.m. Mr Merrill aboard. Made daily inspection of magazines and S.P. samples. 11:03 Yantic underway. 11:00 got underway. Draft aft, 15', forward 13'3" 11:31 course 148° psc. PL out reading 0. Light SSW airs. Barometer fluctuating.

Carpenter, (T), USN

Meridian to 4:00 p.m.
Steaming course 148 psc. RPM 90, S. 190 lbs. Gross Pt. Light abeam 1:05 p.m. Changed course to 175 psc. Took on fresh water. 2:00 RPM 90 . S. 190 lbs. PLR 23.3 knots. Abeam Carter Harrison Crib at 2:15 PLR 25.6 knots. Fire drill 2:09, secure at 2:24 p.m. At anchor 2:45 in 3 3/4 fathoms of water with 22 fathoms of chain at the waters edge. Park, P.J. SF2c, USN left ship on 3 days leave of absence, expiring noon, Aug. 13th, 1918. F.J. Pestka, CQM, USN left ship on three days leave of absence expiring noon, Aug. 13th, 1918. Light variable airs. Barometer steady.

Chief Boatswain's Mate, USN/

Approved:
Lieutenant Commander, USNR
Commanding Officer.

Examined:
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2590

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO _____, 11 Aug. 1918, 191

L.R. Rutter, Lieut. Comdr. USNR., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.									S	1	29.40	80	76	73		b				
1									SSW	1	29.40	80	79	76		b				
2									NE	1	29.40	79	75	72		bz				
3										-	29.40	79	74	71		bz				
4									WSW	1	29L44	82	79	76		as	as		3	
5									W	1	29.46	79	79	76		bz	scu		9	
6									W	1	29.46	79	79	76		bz	cicu		7	
7									W	1	29.45	79	78	75		bz	cicu		7	
8									NWXN	1	29.48	79	80	87		bz	scu		9	
9									NXW	1	29.51	77	73	70		bc	scu		9	
10									NNW	1	29.51	76	72	69		bc	scu		9	
11									NNW	1	29.51	76	71	71		bc	scu		9	
12									NNW	1	29.51	77	73	70		bc	scu		9	
P. M.																				
1									NNW	1	29.51	77	73	70		bc	scu		9	
2									NNE	1	29.51	78	81	78		bc	cicu		5	
3									SES	1	29.52	78	76	73		bc	acu		3	
4									SEXS	1	29.51	77	78	75		bc	ci		2	
5									NXE	1	29.51	78	78	75		bc	ci		2	
6									N	1	29.52	77	73	70		bc	ci		3	
7									N	1	29.42	75	72	69		bc	ci		5	
8									NNE	1	29.51	76	76	73		bc	ci		5	
9									N	1	29.52	76	75	72		bc	ci		5	
10									ESE	1	29.52	76	74	71		bc	cis		3	
11									EXS	1	29.51	75	73	70		bc	cis		4	
12									EXS	1	29.52	76	72	69		bc	cis.		8	
										1										
										1										

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 84 A2 81

Minimum 83 80

Compass

S. H

Error

Variation

Deviation

Coal. { Received 6.1 / Expended 65.7 / On hand

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 11 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.

At anchor in Chicago Harbor in 3 1/4 fathoms of water with 22 fathoms of chain at the waters edge. Calm. Barometer steady.

J. P. Krause
Carpenter (T), USN

4:00 a.m. to 8:00 a.m.

Reveille at 5:00 a.m. Turn to at 5:30. Carrying out morning orders. 8:00 liberty party returned. No absentees. Light west airs. Barometer steady.

J. P. Krause
Carpenter (T), USN

8:00 a.m. to Meridian.

Light shower at 9:00 a.m. 9:30 church party shoved off with 50 men. I.F. Brown, GMlc, USN left ship on 14 days leave of absence. expiring at 8:00 a.m. Aug. 25th, 1918. 11:30 Capt. Cooper aboard. 12:00 Capt Cooper left ship. Light NXW airs. Barometer fluctuating.

J. P. Krause
Carpenter (T), USN

Merdiain to 4:00 p.m.

All church party aboard by 12:45 p.m. Liberty parties shoved off at 1:00 and 1:30 p.m. Light variable airs. Barometer steady. S.P. 221 stood in harbor at 3:28 and moored to dock.

C. C. Cruse Jr
Ensign, USNRF-4

4:00 p.m. to 8:00 p.m.

Swimming call at 4:30 p.m. Retreat at 5:00 p.m. All visitors ashore at 5:00 p.m. NXE to light NNE airs. Barometer steady.

B. A. Grieps
Chief Boatswain's Mate. USN

8:00 p.m. to Midnight.

Light north to east by south airs. Barometer steady. No remarks.

B. A. Grieps
Chief Boatswain's Mate, USN.

Approved: P. R. Rucker
Lieutenant Commander, USNR
Commanding Officer.

Examined: G. Mahoney
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2309

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO _____, 12 Aug. 1918, 191

Lieut. Comdr. L.R.Rutter, USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NE	1	29.53	75	72	69		od	n		10	
2									ENE	1	29.53	75	72	69		od	n		10	
3									E	1	29.52	75	72	69		od	n		10	
4									SEXS	1	29.49	75	73	70		bc	acu		5	
5									CALM	0	29.49	75	73	70		bc	cicu		7	
6									NXE	1	29.51	74	72	69		bc	cicu		6	
7									EXN	1	29.52	74	74	71		bc	cicu		6	
8									EXN	1	29.53	74				bc	cicu		6	
9									SSE	1	29.52	75	82	79		bc	cicu		1	
10									SSE	1	29.50	75	86	83		bc	cis		1	
11									SXW	1	29.51	76	88	85		baz	cis		1	
12									SEXE	1	29.50	77	82	79		baz	cis		1	
P. M.																				
1									SW	1	29.50	79	94	91		baz	cis		1	
2									SWXW	2	29.48	80	84	81		baz	cis		1	
3									SSW	2	29.46	84	98	95		baz	cis		2	
4									SSW	3	29.46	89	99	96		baz	alcu		3	
5									SWXS	2	29.45	90	98	95		baz	acu		2	
6									SWXS	2	29.45	91	96	93		baz	cis		1	
7									SWXS	2	29.46	90	94	89		baz	cis		2	
8									SWXS	2	29.47	89	92	89		baz	cis		2	
9									SWXS	1	29.47	88	90	87		baz	as		2	
10									SWXS	1	29.47	88	90	87		baz	cs		2	
11									SWXS	1	29.47	87	89	86		baz	cs		2	
12									SWXS	1	29.49	87	89	86		baz	cs		2	

Sa. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

Sp. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum A1 84 A2 81
Minimum 83 80

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received 93.7 Expended 5.9 On hand 153.6

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended 266 On hand 2048

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 12 Aug. 1918

REMARKS.

Commencing and until 4:00a.m.

Anchored in Chicago Harbor in 3 1/2 fathoms of water with 22 fathoms of starboard anchor chain at water edge. No.1 boiler steaming No. 2 boiler lit at 2 a.m. R.L.Rutter BKR1c USNRF reported at 3:20 a.m.--3hours and 20 minutes overleave. Light variable airs. Barometer slowly falling.

C.C. Crane
Ensign, USNRF-4

4:00 a.m. to 8:00 a.m.

Steam formed in #2 boiler at 4:30 a.m. #2 boiler cut in at 6:30 a.m. Crew turned to at 5:30 a.m. carrying out morning orders, preparing ship for coaling. U.S.S. YANTIC got underway and moored to coal dock at 7:30 a.m. A.D. Carver, BM2c, USN reported aboard from 7 days leave of absence at 7:00 a.m. Liberty party returned aboard by 8 a.m. No absentees. USS Isla De Luz on stood in harbor and anchored 520 yards distant at 7:30 a.m. Forecast bearing 163° psc. Light variable airs. Barometer slowly rising.

C.C. Crane
Ensign, USNRF-4 cec

8:a.m. to 12:00 noon.

U.S.S. GOPHER under way standing out of harbor at 8:00 a.m. USS YANTIC left coal dock and returned to former anchorage at 8:12 a.m. Weighed acnhor at 8:55 headed for coal dock and moored alongside at 9:12 Took on 105 tons of coal from the Pittsburg Coal Co., Shoved off from coal dock and dropped anchor in former berth at 11:12 a.m. Water 3 1/2 fathoms 20 fathoms of chain at the waters edge. Draft before coaling forward 13'7", aft, 15' 7" after coaling forward 14'2", aft, 16' W.J. Durfee Cox, USN, reported aboard at 11:25 a.m. V.D. REED, Sea, USN reported aboard from 7 days leave of absnece. Magazines inspected and conditions found normal. S.P. samples taken, Lightvsouth airs to south west airs. Barometer steady.

C.C. Crane
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

Received on board the following stores : 392 lbs watermelons. 3 tubs butter, 1038 lbs. beef. 204 lbs. pork butts, 150 lbs. cabbage. 100 lbs. peaches. 3000 lbs. potatos? 150 lbs. ham, 100 lbs. beef liver, 6 cases eggs, 8000 lbs. ice. 525 loaves bread. SW to Light SSW airs. Barometer steady. 175 lbs. white fish.

B.A. Grieg
Chief Boatswain's Mate, USN

4:00 p.m. to 8:00 p.m.

Fish received from Booth Fish Co.m were condemed bu Medical Officer and thrown over-board. 6:00 Capt Rutter aboard. Light SSW breezes. Barometer fluctuating.

J.P. Krause
Carpenter (T), USN

8:00 p.m. to Midnight.

Liberty party returned aboard. One absentee. Light SWXS airs. Barometer steady.

B.A. Grieg
Chief Boatswain's Mate, USN

Approved: R.L. Rutter
Lieutenant Commander, USNR
Commanding Officer.

Examined: G.W. Malsbury
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO Great Lakes, Ill., 13 Aug. 1918, 191

L.R.Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSW	1	29.52	86	85	82		bcz	cs		2	
2									SWXS	2	29.52	85	84	81		bcz	cs		2	
3									SWXS	1	29.51	85	83	80		bc	cs		1	
4									SW	1	29.51	84	83	80		bc	cs		1	
5									SW	1	29.52	85	83	80		bc	cs		1	
6									SW	2	29.52	85	80	77		bc	cis		5	
7									SW	2	29.53	84	80	77		bc	cis		5	
8									SW	2	29.53	83	82	79		bc	cis		5	
9									SW	3	29.52	84	83	80		bc	cis		5	
10					57	7	354375	351	SW	3	29.52	85	84	81		bc	cis		5	
11	6	8	7	7	78	4	359075	331	SW	3	29.52	85	80	77		bcz	cisu		5	
12	8	3	16	0	79	1	363820	322	SW	3	29.51	84	81	78		bcz	cisu		5	
P. M.																				
1	8	1	24	1	77	8	368490	322	SWXW	2	29.49	86	85	82		bcz	cis		4	
2									SSW	1	29.48	89	94	91		bcz	als		4	
3									SWXS	1	29.47	90	95	92		bcz	als		4	
4									SWXS	1	29.46	91	94	91		bcz	als		3	
5									SWXS	1	29.45	91	94	91		bc	cicu		4	
6									SWXS	2	29.42	91	92	89		bc	cis		4	
7									SWXS	2	29.41	90	89	86		bc	cis		4	
8									SWXS	2	29.44	88	86	83		bc	sou		3	
9									NWXW	4	29.53	86	85	82		cpl	cu		9	
10									NXW	3	29.57	84	79	77		cpl	nim		8	
11									N	2	29.55	83	70	68		cor	nim		8	
12									NNW	1	29.55	82	69	67		cor	nim		8	

Sa. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

Sp. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:
Maximum A1 84° A2 82
Minimum 82 81

Compass
S. II
Error
Variation
Deviation

Coal. { Received _____ Expended 6.6 On hand 147.0

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX

REMARKS.

Commences and until 4:00 a.m.

At anchor in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain at the water edge. Light Southwest breezes. Barometer unsteady.

J. P. Krause
Carpenter (T) USN

4:00 a.m. to 8:00 a.m.

Reveille at 5:00a.m. Turn to at 5:30 carrying out the morning orders. 7:00 a.m. Flow, H.H. returned from liberty 7 hours overtime. Light Southwest Breezes. Barometer unsteady.

J. P. Krause
Carpenter (T) USN

8:00 a.m. to Meridian

Made daily inspection of Magazine and S.P. samples, condition normal. P.J.Park and C.H. Hagaman returned from a three days leave at 9:30. Underway at 9:30 a.m. Yantic underway at 9:31 a.m. Patent log out at 10:20 a.m. Carter Harrison Crib abeam at 10:02. 10;53 changed course to 331° psc. 11:24 changed course to 322 psc. 12:00 noon RPM 79 S 175 lbs., PLR 16. Light southwest breezes. Barometer steady.

B. A. Griep
Chief BOAtswain's Mate, USN

Meridian to 4:00 p.m.

Maintaining position 400 yds. astern of USS YANTIC, steering approximate course of 322 psc. at average speed of 78 rpm. Took bow and bea bearing on Ft. Sheridan Tower, 4.5 miles distant when abeam at 12:46 p.m. PLR 22 knots. 1:00 P/M. PLR 24 k. RPM 77.8, S.P. 175 lbs. Took in PL at 1:10 reading 25.3 knots. Changed course to 270 psc. at 1:15 p.m. standing in toward Great Lakes, Ill. Dropped anchor off Great Lakes, in 20 ft. of water at 1:32 p.m. with 20 fathoms of chain at thewaters edge. Draft forwars 14' aft 16' USS YANTIC anchored at 1:32 p.m. From 2:00 p.m. to 3:30 p.m. supernumery crew instructed in ship' s organization, sail nomenclature and gun nomenclature. G.J. Bates Sea, USN left at 1:37 p.m. on 12 days leave of absence commencing 2:00 p.m. andand expiring 2:00 p.m. Aug. 25, 1918. F.O. Richey, C.M.1c USNRF-2 left with baggage and transfer papers to report to the USS BLUE RIDGE. P.J. Park, SF2x, USN left with baggage and transfer papers for Receiving ship Philadelphia. Nick Freiberg, MM2c, USNRF-4, left with baggage and t ransfer papers for Camp Grant Park, Chicago, Ill. F.J. Pestka, CQM USN reported aboard from three days leave of absende. C.H. Dobbs, MAlc, USNRF-4 reported aboard from laave of absence. Light SWXW to SWXS airs. Barometer slowly fall ng.

L. C. Crowell
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

Received stores from Great Lakes, 140 lbs. deep sea lead line 3 boxes bright work polish. 37 lbs. 9 thread ratline, 30 lbs. 12 thread ratline. Light SWXS airs. Barometer steady.

J. P. Krause
Carpenter (T), USN

6:00 p.m. to 8:00 p.m.

Light SWXS breeze. Barometer steady. No remarks.

B. A. Griep
Chief Boatswain's Mate, USN

8:00 p.m. to Midnight.

Moderate NW winds, to light northeast airs. Squally weather. Barometer falling.

F. J. Pestka
Chief Quartermaster, USN

Approved:
R. R. Rutter
Lieutenant COMMANDER, USNR
Commanding Officer.

Examined:
G. Walsingham
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO Manitou Island, 14 Aug. 1918, 191

L.R. Rutter, Lieut.Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NWXN	1	29.55	80	67	64		bcr	nim		10	
2								45	NNE	1	29.53	78	68	65		bcr	nim		10	
3	5	7	5	7	70	8	374177	5	NXE	1	29.53	78	68	66			as		10	
4	7	8	13	5	78		378857	5	NXE	2	29.54	78	68	66		bcz	as		7	
5	7	7	21	2	78		383537	5	NXE	2	29.55	78	67	65		bcz	scu		8	
6	8	0	29	2	787		388117	333	NNW	2	29.59	75	66	66		bcz	cicu		7	
7	7	8	37		78		392897	333	NNW	2	29.60	75	70	68		bcz	cis		4	
8	7	8	44	8	78		397577	290	NNW	2	29.62	76	69	67		bcz	ci		3	
9									NNW	2	29.64	75	70	67		bc	ci		1	
10									NNE	2	29.66	75	70	67		bc	ci		1	
11									NNE	2	29.67	75	69	66		bc	ci		1	
12									NNE	2	29.69	75	69	66		bc	cis		2	
P. M.																				
1									NNE	2	29.68	75	69	66		bc	cis		2	
2									NNE	2	29.68	75	69	66		bc	cis		2	
3									NNE	1	29.68	75	70	67		bc	cis		2	
4									NNE	1	29.68	75	70	67		bc	cis		2	
5									NE	2	29.67	75	70	67		bc	ci		2	
6	7	2	7	2	73	3	403820	29	NE	2	29.65	75	70	67		bc	ci		2	
7	7	8	15		77	4	408464	29	NE	2	29.64	75	69	66		bc	ci		2	
8	7	9	22	9	78		413144	29	NE	1	29.64	71	67	64		bc	scu		4	
9	8	2	31	1	78		417824	29	NE	1	29.65	71	66	63		bc	scu		5	
10	8	1	39	2	78		422504	29	NE	1	29.65	71	66	63		bc	scu		5	
11	8	3	47	5	78		427184	29	NE	1	29.66	71	65	62		bc	scu		5	
12	8	2	55	7	78		431864	29	NW	1	29.66	72	76	73		bc	scu		4	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 84 A2 82

Minimum 83 81

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 13 / On hand 134

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received 2144 / Expended 516 / On hand 3104

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
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9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4:00 a.m.

Anchored off Great Lakes in 20 ft. of water with 20 fathoms of starboard anchor chain at water edge. Both boilers steaming. Weight anchor and got underway steering 45° psc at 2:05 a.m. USS Yantic underway at 2:08 a.m. Patent log put out at 2:15 reading 0 Changed course to 5° psc at 2:36 a.m. P.L.R. 2.8. Waukegan Gas Buoy abeam at 2:59 a.m. PLR 5.6 3:00 a.m. PLR 5.7, A.V.70.7, S.P. 175. 4:00 a/m. PLR 13.5, A.R. 78, S.P. 175. For watch ave. R.P.M. 74.4/ Ave. S.P. 175. Miles made good 16.2. Light northwest by north breezes. Barometer steady.

C. C. Crane Jr.
Ensign USNRF-4

4:00 a.m. to 8:00 a.m.

Stearing course of 5°. 4:26 Kenosha breakwater Light abeam PLR 17.7 5:00 a.m. PLR 21.2, A.R. 78, S.P. 170. 5:30 Turn to carrying out morning orders, Racine Reef light. PLR 25.4. 5:47a.m. Change course to 330° PLR 27.5. Wind point Light 1 point forward of abeam, at 6:08. a.m. North Shoal light abeam, PLR 30.6 6:00 RPM 78, SP 180 lbs. 7:00 PLR 37, RPM 78, S 170 7:18 changed course to 323° psc. PLR 39.3 7:45 changed course to 290 psd. 8:00 PLR 44.8 RPM 78 SP 175 lbs. Average for watch RPM 75, SP 178 lbs, Took in PL at 8:00 a.m. reading 44.8 knots. Light NNW breezes. Barometer fluctuating.

J. P. Krause
Carpenter (T), USN

8:00 a.m. to Meridian.

Made daily inspection of magazines, and S.P. samples, conditions normal. 8:29 a.m. came to anchor in Milwaukee harbor in 4 3/4 fathoms of water with 25 fathoms of chain at the waters edge. Supernumeraries instructed in boats under oars, signals and gun drill. Light NNW to NNE breezes. Barometer steady.

Barneys
Chief Boatswain's Mate, USN

Meridian to 4:00 p.m.

Received from John Hoffman & Son, 27 ngals of vinegar, from Imperial Fish Co., 175 lbs fish. Received from Wisconsin Coal Co., 3 bags blacksmith coal for Engineering DEpt, also 3 bags fire clay. Light NNE airs. Barometer steady

H. J. Pinkee
Chief Quartermaster, USN

4:00 p.m. to 5:00 p.m.

Lieut. (jg), G. Wickoff, USNRF- reported aboard at 4:30 p.m. for duty/ USS YANTIC under way at 4:5 p.m. Weigh ed anchor at 4:56 p.m. and stood out of north entrance steering various courses. PL put out at 5:01 reading 0. Changed course to 29° psc. at 5:12 p.m. PLR 1. Standard speed 78 RP USS YANTIC following 400 yds. astern. Took beam and quarter on North Pt. light 1.1 mile distant when abeam at 5:16 p.m. PLR 1.5 6:00 p.m. PLR 9.2 , RPM 76.3, SP 155 lbs. light northwest airs. Barometer falling.

C. C. Crane Jr.
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.

Underway in Lake Michigan on course 29 psc. 7:00 PLR 15, RPM 77, SP 150 lbs. 7:00 p.m. Port Wahington Pierhead light abeam, 8:00 p.m. PLR 22.9, RPM 78, SP 175 lbs. Average forowatch, RPM 76.3, SP 162, Light NE airs. Barometer fluctuating.

J. P. Krause
Carpenter (T), USN

8:00 p.m. to Midnight.

On course 29 psc. 9:00 PLR 31, RP? 78, SP 165. 9:45 Sheboygan abeam 10:00 PLR 39 RPM 78, SP 175 lbs. 11:00 PLR 47.5, RPM 78. 12:00 PLR 55.7 RPM 78. Miles made good, 39.6 Took on fresh water.

Barneys
Chief Boatswain's Mate, USN

Approved:
L. R. Rueter
Lieutenant Commander, USNR
Commanding Officer.

Examined:
G. Wickoff
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Milwaukee, Wis. TO So. Manitou Mich, 15 Aug/ 1918 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	5	64	2	78		436544	29	NW	1	29.60	72	68	65		bc	cis		2	
2	7	9	72	1	78		441224	29	NW	1	29.59	72	67	64		bc	cis		2	
3	9	4	81	5	78		445904	29	NW	1	29.59	72	67	64		bc	cis		2	
4	7	2	88	7	78		450584	29	NW	1	29.60	72	67	64		bc	cis		2	
5	8	4	97	1	78		455254	29	NW	1	29.64	71	64	61		bc	cicu		3	
6	8	2	5	3	78		459944	29	W	1	29.65	70	64	61		bc	cicu		4	
7	8	2	13	5	78		464624	29	NW	1	29.65	71	67	64		bc	cicu		1	
8	8	3	21	8	78		469304	29	WSW	1	29.67	71	68	65		bc	cicu		2	
9	8	1	29	9	78		473984	29	SE	1	29.64	69	71	68		bc	cu		3	
10	6	8	36	7	75		478518	var.	SE	1	29.65	70	68	65		bc	cicu		3	
11									SE	1	29.65	80	70	67		bc	cicu		3	
12									NNW	1	29.67		80	77		bc	ci		4	
P. M.																				
1									SXW	1	29.56	72	72	69		bc	ci		1	
2									SW	1	29.54	74	73	70		bc	ci		1	
3									SW	1	29.53	76	73	70		bc	ci		1	
4									SWXS	1	29.52	78	74	71		bc	ci		1	
5									SWXS	1	29.51	77	72	69		bc	ci		8	
6									SWXS	1	29.50	76	70	67		bc	ci		8	
7									SWXS	1	29.51	76	70	67		bc	ci		8	
8									SWXS	1	29.51	76	70	67		bc	cis		86	
9									NWXN	1	29.51	71	65	64		bc	cis		6	
10									NXE	1	29.52	69	61	58		bc	cis		5	
11									N	1	29.52	69	60	57		bc	cis		5	
12									NXW	1	29.52	67	61	58		bc	cis		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 84 A282

Minimum 83 81

Compass

S. H

Error

Variation

Deviation

Cont. { Received / Expended 20.1 / On hand 113.8

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ..... ESSEX 15 Aug. 1918

REMARKS.

commences and until 4:00 a.m.

Steaming in formation with Yantid 400 yds. astern on course 29° psc. Standards speed of 78 RPM 3:00 a.m. Big Sable Point light on starboard beam distance 19.6 miles. Average steam 175 lbs. Light NW airs. Barometer steady.

Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.

Steering course 29 psc. at standard speed of 78 R.P.M. USS YANTIC following 400 yds. astern. 5:00 a.m. PLR 97.1 knot. RPM 78, SP 180 lbs. 6:00 a.m. PLR 105.3, RPM 78, SP 180 lbs. 7:00 a.m. PLR 113.5, RPM 78, SP 180 lbs. Took bow and beam bearinf on Pt. Betsie light, 4.3 miles distant when abeam at 7:34, PLR 118.2 knots. 8:00 a.m. PLR 121.8, RPM 78 SP 180 lbs. For watch RPM 78, SP 180 lbs. Miles made good 39.7. Crew turned to at 5:30 a.m. carrying out morning orders. Light variable airs. Barometer steady.

Ensign, USNRF-4 cec

8:00 a.m. to Meridian

Steaming course 29 psc. 9:00 a.m. PLR 129.9, RPM 78, SP 180 9:50 S. Manitou light abeam. Patent Log in reading 136. 7 knots. Anchored in So. Manitou harbor in 8 fathoms of water with 40 fathoms of chain at the waters edge. 10;LL1 Yantic anchored. Made daily inspection of magazines and S.P. samples, conditions normal. Held Ex-caliber,practice, boat and signal drills. 11:41 Capt Cooper aboard. Light SXW airs. Barometer steady.

Carpenter (T), USN

Meridian to 4:00 p.m.

Sub-caliber practice, boat drills and small arms target practice for supernumeraries. Ship's company carried on ship's work. Barometer steady. Light southwest airs.

Chief Boatswain's Mate, USN

4:00 p.m. to 6:00 p.m.

Light airs from the southwest. Barometer steady. No remarks.

Chief Quartermaster, USN

6:00 p.m. to 8:00 p.m.

Base ball party shoved off at 5:00 p.m. Smoker held at 7:15 upon arrival of Officers from USS YANTIC and Coast GUard Station. Light southwest by south airs. Barometer steady.

Ensign, USNRF-4

8:00 p.m. to Midnight.

Coast Guard Boat shoved off at 8:40 p.m. 9:05 Capt Cooper left ship. Base ballparty returned aboard. Barometer steady. Light north airs.

Carpenter, (T), USN

Approved: L. R. Ruter
Lieutenant Commander, USNR
Commanding Officer.

Examined:
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM So Manitou Island TO _____, 16 Aug 1918, 191

L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour	Knots	Course	Course	Course	Average Speed	Course	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. Att.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Signals	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.									NNE	1	29.52	64	60	57		bc	ci		1	
1									NNW	1	29.52	63	60	57		bc	ci		1	
2									NE	1	29.50	64	58	55		bc	ci		1	
3									NNE	2	29.50	66	64	61		bc	ci		1	
4									E	2	29.50	69		62		bc	ci		1	
5									E	2	29.51	71	65	63		bc	cicu		1	
6									E	2	29.51	68	66	65		bc	cicu		4	
7									SE	1	29.51	68	66	65		bc	cis		8	
8									ESE	1	29.51	70	66	65		bc	cicu		7	
9									ESE	1	29.51	70	72	66		bc	cicu		7	
10									SSW	1	29.52	71	72	72		bc	cicu		8	
11									SSW	1	29.52	74	69	69		bc	cicu		8	
12																				

Lat. by D.R.: Latitude _____ Longitude _____

Noon: Latitude _____ Longitude _____

Lat. by O.: Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum A1 83 A2 81
Minimum 82 80

Tested life buoy and magazine flood cocks; found same in good working order.
Made fortnightly test of S.P. samples, condition good.

Compass
S. H
Error
Variation
Deviation

Coal: Received _____ Expended 4.8 On hand 109.

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		
2		
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6		
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8		
9		

P. M.																				
1									ENE	1	29.51	75	75	70		bc	cicu		8	
2									ENE	1	29.51	79	74	68		bc	cicu		8	
3									NE	1	29.49	79	72	69		c	cicu		8	
4									NNE	1	29.48	78	74	71		bc	scu		9	
5									NNE	1	29.48	72	74	74		bc	scu		9	
6									NNE	1	29.47	75	70	67		bc	scu		9	
7									NNE	1	29.48	72	69	66		bc	scu		7	
8									NNE	1	29.48	72	69	65		bc	cis		5	
9									NNE	1	29.48	70	68	65		bc	cis		1	
10									NNE	1	29.48	70	68	65		bc	cis		1	
11									NNE	1	29.49	70	68	65		bc	cis		1	
12									NNE	1	29.50	69	67	64		bc	cis		1	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 16 Aug 1918

REMARKS.

Commences and until 4:00 a.m.

At anchor at S. Manitou Island in 8 fat oms of water with 40 fathoms of chain at the waters edge. Light variable airs to light breeze.

B A Snieps
Chief Boatswain's Mate, USN

4:00 a.m. to 8:00 a.m.

Carried outmorning orders. Light east breeze. Barometer steady.

H. J. Pattka
Chief Quartermaster, mUSN

8:0 a.m. to Meridian.

Magazines inspected an conditions found normal, S.P. samples taken. Supernumery quartermaster instructed in boats under sail? Coxswain's in ex-caliber practice, and gunners mates in ship and boat nomenclature. Lieut. (jg) S Wyckoff left ship at 9:50 a.m. Light variable airs. Barometer steady.

C. C. Cranch
Ensign, USNRF-4 cec

Meridian to 4:00 p.m.

Supernumeries instructed in boats under sail, small arms target practice, and ship nomenclature and ex-caliber practice / Light NE airs. Barometer steady.

J. L. Knauss
Carpenter, (T), USN

4:00 p.m. to 6:00 p.m.

Received from T. Thompson 3644 lbs. ice. Firing party returned aboard at 5:15 p.m. Light NE airs. Barometersteady.

B A Snieps
Chief Boatswain's Mate, USN

6:00 p.m. to 8:00 p.m.

Received from H. Beck 200 lbs. potatos. Light NNE airs. Barometetr steady.

H. J. Pattka
Chief Quartermaster, USN

8:00 p.m. to Midnight.

Night firing practice held from 8:45 p.m. to 9:30 p.m. Light northeast by east northeast airs. Barometer steady.

C. C. Cranch Jr.
Ensign, USNRF-4 cec

Approved:
L. B. Rutter
Lieutenant Commander, USNR
Commanding Officer.

Examined:
G. Wakeman
Lieutenant (jg), USNRF U.S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM So. Manitou Island, Mich TO _____, 17 Aug 1918, 191

L.R. Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									ENE	1	29.50	73	61	58		bc	acu		1	
2									NW	1	29.50	70	64	61		bc	acu		1	
3									NEXE	1	29.51	67	61	58		bc	acu		1	
4									E	1	29.51	65	57	54		bc	acu		1	
5									SXE	1	29.51	64	58	55		bc	acu		5	
6									SXW	1	29.51	62	58	55		bc	cicu		4	
7									SSE	1	29.55	62	65	62		bc	cicu		3	
8									SXW	1	29.59	70	64	61		bc	cicu		2	
9									SXW	1	29.59	70	70	67		bc	cis		3	
10									ENE	1	29.60	70	70	67		bc	cis		2	
11									NWXE	1	29.60	71	70	67		bc	cis		2	
12									NEXE	1	29.60	71	69	66		bc	cis		2	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 83 A2 81

Minimum 82 80

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 4.5 / On hand 104.4

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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9		

P. M.																				
1									ENE	1	29.60	75	71	68		bc	cicu		1	
2									NE	1	29.60	78	72	69		bc	ci		1	
3									NEXE	2	29.59	77	70	67		bc	cis		1	
4									NEXE	2	29.58	76	70	67		bc	cicu		1	
5									NE	3	29.58	77	70	67		bc	ci		3	
6									NE	3	29.58	78	70	67		bc	cicu		4	
7									NE	3	29.58	77	68	65		bc	cicu		3	
8									NE	3	29.59	73	67	64		bc	ci		3	
9									E	2	29.62	70	66	63		b	ci		1	
10									E	2	29.62	72	66	63		b	cicu		1	
11									E	2	29.62	72	64	61		b	cicu		1	
12									E	2	29.64	71	64	61		b	cicu		1	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 17 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.

At anchor at So. Manitou Island in 8 fathoms of water with 40 fathoms of chain at the waters edge. Light east airs. Barometer steady.

J. P. Krause
Carpenter, (T), USN

4:00 a.m. to 8:00 a.m.

Carried out mourning orders. South east to southwest airs. Barometer rising.

B. A. Grieg
Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.

9:30 a.m. held quarters for CaptaiN's inspection. USS YANTIC underway Supernumeries instructed in the following drills: ex-caliber practice. flag-hoists/ and boats under oars and sial. Made daily inspection of magazines and S.P. samples, condition normal. Light southeast to to northeast airs. Barometer steady.

H. J. Pistka
Chief Quartermaster, USN

Meridian to 4:00 p.m.

Liberty party of 160 men shoved off at 1:15 p.m. Light north westerly airs shifting o light northeast by east breezes. Barometer steady.

C. E. Crane
Ensign, USNRF-4 cec

4:00 p.m. to 6:00 p.m.

Light northeast breezes. Barometer steady. No remarks.

J. P. Krause
Carpenter (T), USN

5:00 p.m. to 8:00 p.m.

Light northeast breezes. Barometer steady. No remarks.

B. A. Grieg
Chief Boatswain's Mate, USN

8:00 p.m. to Midnight.

Light east breezes. Barometer steady. No remarks.

H. J. Pistka
Chief Quartermaster, USN

Approved: L. R. Lurton
Lieutenant Commander, USNR
Commanding Officer.

Examined: G. Wakeman
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM So. Manitou Island, Mich. Chicago, Ill. 18 Aug 1918 191

L.R. Rutter, Lieut. Comdr. USNR., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Tenths.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SEXE	1	29.64	69	63	60		bc	cicu		3	
2									SEXE	2	29.63	70	60	57		bc	cis		3	
3									ESE	2	29.65	70	60	57		bd	cis		2	
4									EXS	2	29.64	70	70	57		bc	cis		1	
5									EXS	3	29.66	70	60	57		bc			-	
6									ESE	3	29.68	69	60	67		bc	ci		1	
7									EXE	2	29.69	73	62	57		bc	ci		1	
8									EXE	2	29.70	75	62	59		bc	ci		2	
9									E	3	29.71	73	61	58		bc	ci		1	
10									E	3	29.71	70	63	60		bc	ci		1	
11	4	-	4	-	80	7	481020	208	NEXE	2	29.71	67	64	61		bc	ci		1	
12	8	5	12	5	82	4	486920	208	NE	2	29.72	71	63	60		bc	ci		1	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 82 A2 80
Minimum 81 79

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 5.1 / On hand 99.3

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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9		

P. M.																				
1	8	8	21	3	85		491220	220	NNE	2	29.71	71	73n	70		bc	cis		3	
2	9	-	30	3	85		496320	207	NXE	2	29.69	71	70	68		bc	cis		3	
3	9	-	39	3	85		501420	207	NXE	2	29.68	71	74	71		bc	cis		4	
4	9	-	48	3	85		506520	207	NXE	2	29.68	71	74	71		bc	cis		3	
5	9	-	57	3	85		511620	207	NXE	2	29.68	71	74	71		bc	cis		1	
6	9	1	66	4	85		516720	207	NXE	2	29.68	71	74	71		bc	cis		4	
7	9	1	75	5	85		521820	207	NXE	3	29.68	71	72	69		bc	cis		5	
8	9	-	84	5	85		526920	207	NXE	2	29.62	71	72	69		bc	cis		5	
9	8	-	93	3	85		532920	207	SEXE	2	29.63	71	67	64		bc	cis		5	
10	8	8	2	2	85		538020	207	ESE	2	29.63	69	67	64		bc	cis		5	
11	9	9	12	6	87		543230	220	EXE	3	29.64	68	68	65		bc	cis		5	
12	9	4	20	9	85		548295	207	EXE	4	29.64	70	67	64		bc	cis		6	
		3																		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 Aug 1918

REMARKS.

Commences and until4:00 a.m.
At anchor in So' Manitou Harbor in 8 fathoms of water with 40 fathoms of water at the waters edge. Boiler "B" steaming for auxiliary purposes Boiler "A" lit off at 3:00 a.m. Light southeast airs shifting to east by south breezes. Barometer steady.

C. C. Crumpton
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Reveille 5:00 a.m. Turns to 5:30 a.m. Carrying out morning orders. 5:35 formed steam in No. 1 boiler. 5:45 a.m. cut in No. 1 Boiler. Light east by north breezes. Barometer steady.

J. P. Kramer
Carpenter, (T), USN

8:00 a.m. to Meridian.
Made daily inspection of magazines and S.P. samples, condition normal. Underway at 10:28 a.m. Draft 15:9, aft, 13' forward. Course 208° psc. Took on water 11:20 a.m. til 11:45 a.m. 11:00 RPM 80 S. 175 lbs. PLR 4 12:00 RPM 85, S. 175, 12.5 knots.

B. A. Sniep
Chief Boatswain's Mate, USN

Meridian to 4:00 p.m.
Steaming as before on course 208 psc standard speed 85 RPM, at 12:46 C.C. to 220° psc. PLR 19.2 k. At 12:57 Point Betsie abeam, distance 1 mi. C.C. to 207° psc, PLR 20.8, Av. steam 180 lbs, R.P.M 85. Light NNE airs. Barometer steady.

F. J. Butler
Chief Quartermaster, USN

4:00 p.m. to 6:00 p.m.
Steaming course 207 psc at standard speed of 85 RPM. 5:00 p.m. PLR 57.3 k., RPM 85 S 180 lbs. Took bow and beam bearing on Big Sable Point 7.56 miles distant when abeam at 5:04 p.m. PLR 58 knots. 6:00 p.m. PLR 66.4 k., RPM 85, S 185 lbs. For watch, Average RPM 85, S.P. 185 lbs. Miles made good 21.7. Light north by east breezes. Barometer steady.

C. C. Crumpton
Ensign, USNRF-4 cec

6:00 p.m. to 8:00 p.m.
Steaming course 207 psc, 7:00 p.m. PLR 75.5 k. RPM 86 S. 180 lbs. 8:00 PLR 84.5 k., RPM 85, S. 180 lbs. For watch, R.P.M. 85 S. 180 lbs. Light SSE abreezes. Barometer fluctuating.

J. P. Kramer
Carpenter (T), USN

8:00 p.m. to Midnight.
9:00 p.m. S. 180 lbs., RPM 85, PLR 95.3, 10:00 S. 180 lbs., RPM 85 PLR 2.8k. 11:00 p.m. S. 180 lbs. RPM 87, S. 180 lbs. 12:00 S. 180 R.P.M. 85 PLR 20. knots. For watch, R.P.M. 85.5, S. 180 lbs. Steady Se NE to SSE breezes.

B. A. Sniep
Chief Boatswains Mate, USN

Approved: L. R. Sutton
Lieutenant Commander, USN
Commanding Officer.

Examined: E. H. Watkins
Lieutenant (jg), USNRF-1
U. S. N. Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM South Manitou Island TO Chicago Ill., 19 Aug 1918, 191

L.R.RUtter, Lieut.Comdr. USNR-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	9	2	30	1	86	5	553585	207	SE	4	29.66	70	66	63		hcz	cis		2	
2	9		39	1	87		558805	207	SE	4	29.66	70	66	63		hcz	cis		2	
3	8	8	47	9	87		564045	207	SE	4	29.65	70	66	63		hcz	cis		2	
4	8	6	56	5	87		569245	176	SE	4	29.65	70	66	63		hcz	cis		2	
5	8		64	5	84	1	574290	176	SE	4	29.64	70	62	59		hc	cis		3	
6	8	5	72		84	4	579355	176	SE	4	29.64	70	62	59		hc	cis		3	
7	8	4	81	4	85		584455	176	SE	4	29.64	70	64	61		hc	cis		3	
8	8	1	89	5	85		589545	176	SE	5	29.65	70	66	63		hc	cis		3	
9	7	7	97	2	85		594645	176	SE	4	29.66	70	68	65		hc	cis		3	
10									ENE	1	29.66	73	69	66		hc	cis		3	
11									ENE	1	29.66	72	70	67		hc	cis		3	
12									ENE	1	29.65	73	72	69		hc	cis		3	
P. M.																				
1									NNE	1	29.64	73	74	71		hc	ci		1	
2									NE	1	29.64	81	74	71		hc	ci		1	
3									NE	1	29.63	84	72	69		hc	ci		1	
4									NNE	1	29.60	78	72	69		hc	ci		1	
5									NNE	1	29.58	83	73	70		hc	ci		2	
6									NNE	1	29.58	79	73	70		hc	ci		2	
7									NNE	1	29.58	76	73	70		hc	ci		1	
8									NNE	1	29.56	75	72	69		hc	ci		1	
9									WNW	1	29.57	74	72	69		hc	ci		2	
10									N	1	29.57	73	73	70		hc	ci		2	
11									ESE	1	29.57	74	73	70		hc	ci		2	
12									ESE	1	29.57	74	73	70		hc	ci		2	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 82 A2 80

Minimum 81 79

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 33.8 / On hand 65.5

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4:00 a.m.

Steering on course 207°psc and going standard speed 86 RPM. Making passage from So. Manitou to Great Lakes. 1:05 a.m. Sighted Wind point Light Bearing 285°psc. 1:25 North point light abeam. 3:05 Wind point Light abeam distance 6 miles. PLR148.7. 3:15 Chage course to 176°psc. PLR 49.7. and made course for Chicago. Light SE Airs. Barometer Steady.

A.J. Rutka
Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.

Steering on course 176°psc at standard speed of 85 RPM. 5:00 a.m. PLR164.5, AR 84, S 155#. Took bow and beam bearing on Waukegan Harbor Lt. 9.1 miles distance when abeam at 5:44 a.m. PLR 170.5 6:00 PLR 173, AR 84.4, S. 160. 7:00 PLR 181.4, AR 85, S.P. 155.5 Took 26 1/2°, 45°, and 90° bearing on Gross point Light, 4.5 miles distance when abeam at 7:53 a/m. PLR 188.5. 8:00 PLR 89.5, AR 85, SP 180. Miles made good 39.6. Crew turned to at 5:30 carrying out morning orders. Moderate SE airs. Barometer Steady.

C.E. Cromer Jr.
Ensign, USNRF-4

8:00 a.m. to Meridian

Steering course 176° psc. 8:36 Change course to 174. 8:39 a.m/ Lake View Crib abeam. 8:44 Wilson Ave Crib abeam. 9:03 Carter H.Harrison Crib abeam. 9:00 PLR 97.5,AR 85, S 160°. 9:04 Patent Log taken in reading 97.5. 9:30 Anchored in 3 1/4 fathoms of water with 20fathoms of chain at water edge. 9:45 Captain Rutter ashore. 11:23 Captain Rutter aboard. 11:29 Underway to Pittsburgh coal dock. Light EXN airs. Barometer steady.

J.P. Krause
Carpenter (T) USN.

Meridian to 4:00 p.m.

1:00 Commenced coaling, Draft ford 13'4" aft 15'4". 2:30 Finished coaling, took on 110 tons of coal. Draft ford 14'2" aft 15'11". 2:34 Left coal dock. 2:41 Anchored in previous anchorage with 20 fathoms of chain at water edge. Received of Berchalter Health food Co. 368# bread. Received from Houston & Co. 260 # potatoes, Concummers Ice Co. 1000# Ice. NNE to NE airs. Barometer steady.

B.A. Trieps
Chief Boatswain Mate, USN

4:00 p.m. to 6:00 p.m.

4:00 F.W.Link returned from 14 days leave. S.M.Peters Sea.USN reported this day for duty form the Great Lakes Naval Training Station. Light NE airs. Barometer steady.

A.J. Rutka
Chief Quartermaster, USN

6:00 p.m. to 8:00 p.m.

Liberty party shoved off at 6:00. 6:30 Swimming party. Light NNE airs. Barometer steady.

C.E. Cromer Jr.
Ensign, USNRF-4

8:00 p.m. to Midnight.

T.F.Zimmerman S2c reported aboard for duty from the Great Lakes N.T.S. NNE to ESE airs. Barometer steady.

B.A. Trieps
Chief Boatswain Mate, USN

Approved: L.R. Rutter
Lieutenant Commander, USNR
Commanding Officer.

Examined: G.H. Halsey Jr.
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO _____, 20 Aug. 1918, 191

L.R. Rutter, Lieut. Comdr. USNR-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSE	2	29.56	74	72	69		bc	ci		1	
2									SE	2	29.57	74	72	69		bc	ci		1	
3									SE	2	29.56	75	70	67		bc	ci		1	
4									SE	2	29.56	74	72	69		bc	ci		1	
5									SSE	2	29.57	76	72	69		bc	cis		5	
6									SSE	2	29.57	76	72	69		oz	cis		8	
7									SSE	2	29.58	74	72	69		oz	cis		8	
8									SSE	2	29.60	75	72	69		oz	cis		9	
9									SE	2	29.59	73	73	70		bcz	cis		9	
10									SE	2	29.59	75	74	71		bcz	cis		9	
11									SE	2	29.58	77	78	75		bcz	cis		9	
12									SE	2	29.56	76	74	71		bcz	cis		9	
P. M.																				
1									ESE	2	29.56	75	74	71		bcz	as		9	
2									SE	1	29.53	76	75	72		bcz	as		8	
3									SE	1	29.51	77	77	74		bcz	as		7	
4									SE	1	29.49	78	76	73		bcz	as		7	
5									SX	1	29.49	80	76	73		bcz	as		7	
6									SXE	1	29.48	81	77	74		bcz	as		7	
7									S	1	29.49	80	77	74		bcz	cicu		7	
8									S	1	29.50	81	79	76		cz	cicu		6	
9									S	1	29.52	81	78	75		bcz	cicu		6	
10									S	1	29.50	81	76	73		bcz	cicu		6	
11									SSW	1	29.50	79	76	73		bcx	cicu		6	
12									SSW	1	29.49	79	76	73		bcz	cicu		6	

8 a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

8 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum	A1	81	A2	78
Minimum		80		78

Compass _____

S. II _____

Error _____

Variation _____

Deviation _____

Coal. { Received 98.2 Expended 3.5 On hand 760.2

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 20 Aug. 1916

REMARKS.

Commences and until4 :00 a.m.
At anchor in Chicago Harbor in 5 1/2 fathoms of water with 20 fathoms of chain at the waters edge. Boiler "A" steaming for auxilary purposes. Light southeast to south southeast breezes. Barometer steady.

E.C. Brower Jr.
Ensign, USNRF-4 cec

4:00 a.m. to 8:00 a.m.
Liberty party returned. No absentees. Painting ship. Gopher underway at 7:57 a.m. Light SSE breezes. Barometer rising.

B.A. Brice
Chief Boatswain's Mate, USN

8:00 a.m. to Meridian.
Crew engaged in painting ship. Received aboard commissary stores. and 45 gallons of gasolene. from the Standard Oil Co..
The following men left on leave of absence. J.E. Wahl, 10 days; F.P. Wencher, QMRc, USN, 7 days: H.W. Heron, EMRc, USN 7 days: S Thordarson, Cox. USN, 12 days. E.R. Brillhart, Cox. USN, 12 days; S. Peters, Sea, USN, 12 days. 40 men sent to the USS COMMODORE for identification tags. Magazines inspected and conditions found normal. S.P. Samples taken. Light southeast and southeast by south breezes. Barometer slowly falling.

E.C. Brower
Ensign USNRF-4 cec

Meridian to 4:00 p.m.
Supernumeraries instructed in seamanship, 1st and instruction boats undercars. Light SE airs. Barometer falling.

H.J. Dutka
Chief Quartermaster, USN

4:00 p.m. to 6:00 p.m.
Light south by east airs. Barometer steady. No remarks.

H.J. Dutka
Chief Quartermaster, USN

6:00 p.m. to 8:00 p.m.
Light SE airs. Barometer fluctuating. No remarks.

H.H. Kramer
Carpenter, (T)? USN

8:00p.m. to Midnight.
9:00 Capt. Rutter aboard. 12:00 mid. liberty party returned. No absentees. Light SSW breezes. Barometer steady.

H.H. Kramer
Carpenter (T), USN

Approved: P.K. Rucker
Lieutenant Commander, USNR
Commanding Officer.

Examined: E.W. Schwenk
Lieutenant (jg), USNRF-1
U. S. N. Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO S. Manitou Island, 21 Aug. 1918, 191

Lieut. Comdr. L.R. Rutter, USNR-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.49	76	75	72		bcz	cis		4	
2									SW	1	29.49	76	75	72		bcz	cis		5	
3									SW	1	29.49	75	74	71		bcz	cis		5	
4									SW	1	29.49	75	74	71		bcz	cis		5	
5									SWXW	1	29.48	77	74	71		bcz	cicu		5	
6									SW	1	29.49	77	74	71		bcz	cicu		5	
7	5	-	5	-	75		601634	351	WSW	1	29.50	74	73	70		bcz	cis		5	
8	7	6	12	6	75		605134	322	W	1	29.49	74	73	70		bcz	cis		5	
9	8	1	20	7	79		609898	322	W	1	29.48	75	74	71		bcz	cis		5	
10	5	6	26	3	80		601429	322	W	1	29.48	80	81	78		bcz	cis		6	
11									W	1	29.48	81	85	82		bcz	cis		6	
12									W	1	29.48	81	85	82		bcz	cis		6	

P. M.																				
1									W	1	29.47	87	94	91		bcz	cu		5	
2									WSW	1	29.45	88	100	97		bcz	cu		5	
3			3	4	75		616872	20/5	ENE	1	29.44	88	86	83		bcz	cicu		6	
4	8	1	11	5	75		621372	20.5	SE	1	29.41	81	83	80		bcz	cicu		8	
5	7	7	19	2	75		625272	20/5	SSE	1	29.40	82	84	81		bcz	cicu		6	
6	8	-	27	2	75		630372	20.5	SSE	1	29.41	82	81	78		bcz	scu		6	
7	7	9	35	1	75		634872	20.5	CALM	-	29.40	81	81	78		bcz	as		4	
8	8	1	43	2	75		639372	20.5	CALM	-	29.42	80	76	73		bcz	scu		5	
9	8	3	51	5	75		643872	20/5	CALM	-	29.43	78	76	73		bcz	scu		5	
10	7	9	59	4	75		648372	20.5	CALM	-	29.43	75	76	69		bcz	scu		2	
11	7	8	67	2	75		652872	20.5	CALM	-	29.43	75	72	69		bcz	scu		2	
12	7	9	75	1	75		657372	20.5	CALM	-	29.43	74	72	69		bcz	scu		1	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum	A1	84	A2	79
Minimum		83		78

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal: Received _____ Expended 10.1 On hand 150.1

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 21 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor in Chicago harbor, in 3 1/2 fathoms of water with 20 fathoms of chain at the waters edge. Light southwest airs. Barometer steady.

Chief Quartermaster, USN.

4:00 a.m. to 8:00 a.m.
Reveille 5:00. turn to 5:30 a.m. carrying out morning orders. 5:55 Yantic underway. Essex underway at 5:58. Draft aft, 15' 11", forward 14' 2" At 6:23 a.m. put out patent log readig 0. 6:31 carter Harrison Crib abeam. Course 351. PLR 7. 7:00 a.m. PLR 10.8/ Changed course to 322° psc. 8:00 PLR 12.6, RPM 75, S. 180 lbs. Light W airs. Barometer steady.

Carpenter (T), USN.

8:00 a.m. to Meridian.
9:00 PLR 20.7 RPM 72, S. 180 lbs. Took in PL reading 26 knots. at 9:51 Anchored off Great Lakes, at 9:55 a.m. with 25 fathoms of water at the a waters edge. Draft forward, 14'2" aft 15'. Crew engaged in ship's work Light west airs. Barometer steady.

Chief Boatswain's Mate, USN

Meridian to 4:00 p.m.
Received fro GREAT Lakes, in Ordnance Dept., 10000 rounds ammunition for 30-cal Krag rifle, Model 1898, 2000 rounds 38-cal. Colt, 4 cranks for 3-pdr. guns. Received lumber in C&R Dept. J.G. Buckley was this date transfered to the Gunner's Mates School. At 2:15 Yntic underway. At 2:24 got underway and set course for South Manitou Island. At 2:39 Waukegan light abeam. Steady on course 20.5 psc. PLR 1.1. Yantic took position 400 yds. astern. Light W to ENE airs. Barometer steady.

Chief Quartermaster, USN.

4:00 p.m. to 6:00 p.m.
Steamingo on course 20° 30' psc, at standard speed of 75 RPM. USS YANTIC following 400 yds. astern. 5:00 p.m. PLR 19.2 RPM 75/SP 180 lbs. 6:00 p.m. PLR 27.2, RPM 75, S. 180 lbs. Miles made good for watch 18.8 Light south southeast airs. Barometer steady.

Ensign, USNRF-4 cec

6:00 .m. to 8:00 .m.
Steaming on course 20° 30' psc. 7:00 PLR 35.1, RPM 75, S. 180 lbs. 8:00 pLR 47.2, RPM 75 S 180 obs. Average for watch RPM 75, S 180 lbs. Calm. Barometer fluctuating.

Carpenter, (T), USN.

8:00 p.m. to Midnight.
9:00 p.m. PLR 51.5, RPM 75 S 180 lbs. 10::00 PLR 59.4 RPM 75 S 180 11:00 PLR 67.2, RPM 75, S. 180 lbs. 12:00 PLR 75.1 RPM 75, S. 180olbs. Average for watch. RPM 75, S 175. Miles made good 38.2 m

Chief Boatswain's Mate, USN.

Approved: Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO S. Manitou Island, Mich. 22 Aug 1918

L.R. Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	1	83	2	75		661872	20/30	NXE	1	29.40	73	71	68		bcz	cis		5	
2	7	9	91	1	75		666372	20.30	EXN	1	29.39	71	71	68		bcz	as		9	
3	8	-	98	1	75		670872	20.30	SEXE	1	29.36	69	70	67		acz	scu		9	
4	7	9	107	-	75		675372	20.30	S	1	29.35	68	70	67		acz	as		9	
5	8	9	115	-	75		679872	20.30	SE	1	29.35	68	70	67		acz	as		9	
6	8	-	123	-	75		684372	20.30	SXE	1	29.36	70	68	65		cof	as		8	
7	8	-	131	-	75		688872	20/30	SXE	1	29.36	70	69	66		cof	as		8	
8	7	9	138	9	75		693372	2.030	SXE	1	29.34	69	70	67		cof	as		8	
9	7	9	146	8	75		697872		SE	1	29.34	71	70	67		bz	as		6	
10	7	9	154	7	75		702372	21	ENE	1	29.42	74	69	66		bz	as		8	
11	8	-	162	7	73	7	706797	21	ENE	1	29.43	73	66	63		bz	as		8	
12	7	3	170	-	73	5	711010	21	SE	1	29.34	74	71	69		bz	as		8	
P. M.																				
1	2	1	172	64	7		713406		S	2	29.28	75	72	70		of	as		10	
2									S	1	29.26	78	76	84		bcf	as		6	
3									SW	1	29.26	79	76	74		bcf	as		7	
4									SWXS	1	29.28	78	74	72		bcf	as		5	
5									SSW	2	29.24	78	73	70		bcz	as		4	
6									SWXS	3	29.21	8	75	71		bcz	as		3	
7									SWXS	3	29.17	76	74	71		bcz	as		4	
8									SWXS	3	29.17	74	72	69		bcz	scu		5	
9									SWXS	3	29.18	73	71	68		bc	scu		8	
10									SWXS	3	29.18	72	72	69		bc	scu		5	
11									SW	3	29.19	71	71	68		bc	scu		5	
12									SW	3	29.18	71	71	68		bc	scu		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:

Maximum A1 84 A2 80

Minimum 83 79

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 29.2 / On hand 120.9

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 22 Aug. 1918

REMARKS.

Commencex and until 4:00 a.m.
Steaming in formation with Yantic on course 20.30° psc. standard speed 75 RPM. Making passage from Great Lakes, to SO. Manitou Island, Mich. Light N.E. to south airs. Barometer falling.

C. J. Rattee
Chief Quartermaster, USN.

4:00 a.m. to 8:00 a.m.
Steaming course and speed as before with Yantic following 400 yds. astern. 5:00 P.R 115, RPM 75 S 180 lbs. Took bow and beam bearing on Big Sable pt. 4.56 miles distant when abeam. at 5:07 a.m. PLR 115. 6:00 a.m/ PLR 123, RPM 75, S 180. Started taking deep sea sounding at 6:15 at 15' intervals. 7:00 a.m. PLR 131, RPM 75, S 180 8:00 a.m. PLR 138.8 RPM 75, S 180 lbs. Miles made good 38.8. Crew turned to at 5:30 a.m. carrying out morning orders. Took on 1408 gal. of fresh water between 5:30 and 6:00 a.m. Light south by east airs. Barometer steady.

C. C. Cramer Jr
Ensign, USNRF-4 cec

8:00 a.m. to Meridian.
Made daily inspectin of magazines, and S.P. samples, 8:30 took deep sea sounding, 56 fathoms, sand bottom 9:00 PLR 146.8, RPM 75 S 180 9:18 Frankfort light abeam PLR 149.2 9:19 changed course to 345 psc. PLR 150 9:38 took sounding 7 fathoms. 9:46 changed course to 21° psc. PLR 153 9:50 took deep seamsounding, 34 fathoms, rock bottom. 10:00 PLR 154.7 RPM 75, S 180 10:05 heavy fog. 10:40 passing showers. 11:00 PLR 162.7 took deep seam sounding 13 fathoms 12:00 PLR 170, Light southeast airs. Barometer steady.

J. P. Krauze
Carpemter, USN.

Meridian. to 4:00 p.m.
Steaminf course 21° psc. 12:17 changed course to 320 psc. fog increasing 72.3 Anchored at S Manitou 12:25 with 45 fathoms of chain at the waters edge, in 7 3/4 fathoms of water. Draft 15' 10" aft, 13' 10" forward. Yantic anchored at 12:46 p.m. Shifted berth at 1:00 40 fathoms chain at the waters edge. in 8 1/2 fathoms of water. Boats under oars. South to south west airs. Barometer steady.

Barneys
Chief Boatswain's Mate, USN.

4:00 p.m. to 6:00 p.m.
Light southwest airs increasing to light breezes. Barometer steady/ No remarks.

C. J. Rattee
Chief QUARtermaster, USN.

6:00 p.m. to 8:00 p.m.
Liberty party shoved off at 6:30 p.m. an returned aboard at 8:00 p.m/ Gentle southwest by south breezes. Barometer steady.

C. C. Cramer Jr
Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
9:00 p.m. South Manitou light bearing 177° psc. Light to gentle southwest breezes. Barometer fluctuating.

J. P. Krauze
Carpenter (T), USN.

Approved: L. R. Lawer
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. Halsey Jr
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM S. Manitou Island, Mich. , 23 Aug. 1918 191

L.R. Rutter, Lieut. Comdr. USNRF U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWXW	4	29.18	71	68	65		bcz	acu		9	
2									SSW	4	29.20	72	70	68		bcz	acu		6	
3									WSW	3	29.20	71	70	67		bcz	acu		4	
4									WSW	3	29.20	71	70	67		bcz	acu		7	
5									WXN	1	29.23	71	71	68		bcz	acu		9	
6									W	1	29.22	70	70	67		bcz	cun		9	
7									WNW	1	29.25	70	70	67		bcz	acu		9	
8									WNW	1	29.26	70	71	68		bcz	acu		9	
9									WSW	1	29.26	70	73	70		bc	acu		7	
10									WSW	1	29.29	73	74	71		bc	acu		7	
11									WSW	1	29.30	74	76	73		bc	acu		8	
12									WSW	1	29.30	73	74	71		bc	cun		8	
P. M.																				
1									WSW	1	29.31	74	74	71		bc	cicu		8	
2									WXS	1	29.30	74	73	70		bc	cicu		8	
3									WSW	1	29.30	72	70	67		bc	cu		8	
4									WXS	1	29.32	76	73	70		bc	as		9	
5									WXS	1	29.32	76	73	70		bc	scu		9	
6									WSW	1	29.30	74	73	70		bc	scu		9	
7									WSW	1	29.30	74	72	69		bc	scu		9	
8									WSW	1	29.30	74	72	69		bc	cu		8	
9									WXS	1	29.33	73	68	65		bc	cu		8	
10									SWXW	1	29.34	67	64	67		bc	cicu		9	
11									SW	1	29.36	69	65	62		bc	cicu		1	
12									SW	1	29.36	68	65	62		bc	cicu		8	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 84 A2 81
Minimum 83 80

Compass
S. H
Error
Variation
Deviation

Coal { Received / Expended 5.6 / On hand 115.3

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 23 Aug. 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor at S. Manitou Island with 40 ftahoms of chain at the waters edge, in 7 3/4 fathoms of water. Light SW to WSW breeze. Barometer steady.

B A Grieg
Chief BOAtswain's Mate, USN.

4:00 a.m. to 8:00 a.m.
Carried out morning orders. Furnished 15 gal. gasolene to Motor boat Light west to west by north airs. Barometer rising.

H J. Peatka
Chief Quartermaster, USN.

8:00 a.m. to Meridian.
Crew enganged in carrying out morning orders. Magazines inspected and conditions found normal. S.P. Samples taken. Tested life buoys and magazine flood cocks, found same in good working order. Supernumeraries drilled in excaliber practice, use of lead and sounding machine, boats under oars and sail. Light west southwest airs. Barometer rising.

C C Brown
Ensign, USNRF-4 cec

Meridian to 4:00p.m.
Supernumeraries instructed as in morning watch. Light west by south airs. Barometer fluctuating.

J P Krause
Carpenter (T), USN.

4:00 p.m. 6:00 p.m.
4:40 Beach target practice returned. Light west by south airs. Barometer steady.

B A Grieg
Chief Boatswain's Mate, USN.

6:00 p.m. to 8:00 p.m.
At 6:00 p.m. sent base ball and recreation party ashore. returned no absentees. light west-south west airs. Barometer steady.

H J. Peatka
Chief Quartermaster, USN

8:00 p.m. to Midnight.

Supernumerary Coxswain's drilled in ex-caliber practice on lighted target between 8:30 and 9:00 p.m. Light variable airs. Barometer rising.

C C Brown
Ensign, USNRF-4 cec

Approved: L. R. Rumi
Lieutenant Commander, USNRF-2
CommandingnOfficer.

Examined: G. H. Habenicht
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM 24 Aug 1918. So. Manitou Is. TO _____, 191

L.R. Rutter, Lieut. Comdr., USNRF, 2 U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									CALM	-	29.37	70	65	62		bc	ci		1	
2									CALM	-	29.37	69	69	61		bc	ci		1	
3									CALM	-	29.38	68	64	61		bc	ci		1	
4									CALM	-	29.37	67	64	60		bc	ci		1	
5									CALM	-	29.37	67	63	60		bc	acu		1	
6									CALM	-	29.36	67	63	60		bc	acu		3	
7									CALM	-	29.36	67	63	60		bcz	acu		2	
8									SWXS	1	29.36	90	68	66		bcz	as		2	
9									SSW	1	29.37	69	70	67		bcz	cis		3	
10									W	1	29.39	72	76	75		bc	cis		2	
11									WSW	1	29.39	74	73	70		bc	cu		2	
12									WSW	1	29.40	76	73	70		bc	cu		2	

Sa. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

Sp. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

	A1		A2	
Maximum	A1	83	A2	80
Minimum		82		79

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. { Received _____ Expended 5.4 On hand 109.8

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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P. M.																				
1									SSW	1	29.38	76	76	73		bc	cu		1	
2									SSW	1	29.37	72	54	62		bc	cu		1	
3									SSW	1	29.36	75	64	61		bc	cu		1	
4									SWXS	1	29.38	78	72	69		bc	cu		1	
5									SW	1	29.39	80	73	70		bc	cu		1	
6									SW	1	29.36	78	72	69		bc	cu		1	
7	3	2	3	2	78		720820	212	SW	1	29.35	73	67	64		bc	cu		1	
8	7	8	11	-	78		725500	212	SW	1	29.35	71	67	64		bc	cu		1	
9	8	1	19	1	78		730180	212	SW	1	29.35	71	67	64		bcz	cis		1	
10	8	1	27	1	78		734860	200	SSW	2	29.35	71	67	64		bcz	cis		1	
11	8	1	35	2	78		739540	200	SSW	2	29.35	71	65	62		bcz	cis		1	
12	8	1	43	3	78		744420	200	SSW	2	29.35	71	65	62		bcz	cis		1	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 24 August, 1918.

REMARKS.

Commences and until 4:00 a.m.
Anchored at So. Manitou Island, in 7 fathoms of water with 40 fathoms of chain at the waters edge. Calm. Barometer steady.

J. P. Krause
Carpenter (T), USN.

4:00 a.m. to 8:00 a.m.
Carried out morning orders. Light southwest airs. Barometer steady.

B. A. Sieps
Chief Boatswain's Mate, USN.

8:00 a.m. to Meridian.
Made daily inspection of magazines and S.P. samples, conditions normal. At 9;30 quarters for Captain's inspection. 10:00 Yantic under way to take on fresh water. 11:29 Yantic anchored. Supernumeraries instructed in ex-caliber practice, and boats under oars and sail. Light west southwest airs. Barometer steady.

C. J. Rutter
Chief Quartermaster. USN.

Meridian to 4:00 p.m.
12:57 Yantic underway. 1:00 ESSEX underway. Ex-caliber practice from 1:13 to 2:33 p.m. Anch red in 7 fathoms of water with 40 fathoms of chain at the waters edge. 3:00 swimming party ashore. Light south west by south airs. Barometer steady.

J. P. Krause
Carpenter (T), USN.

4:00 p.m. to 6:00 p.m.
5:15 swimming party re turned. No absentees. 5:33 Capt. Rutter aboard. Light south west airs. Barometer fluctuating.

J. P. Krause
Carpenter (T), USN.

6:00 p.m. to 8:00 p.m.
6:23 Yantic under way 6:27 Essex underway. Steered various courses to 6:35. changed course to 180 psc. S. anitou light abeam PLR .6 Changed course to 212° psc. 6:44 S. Manitou light bearing on quarter. PLR 1.2, distance .72 miles. 6:55 took on water. 7:00 p.m. S 180 lbs. R.P.M. 78, PLR 3.2 knots. 7:30 p.m. finished taking on water. 8:00 RPM 78, S 180 lbs., PLR 11. Miles made good 13.2. Light southwest airs. Barometer steady.

B. A. Sieps
Chief boatswain's Mate, USN.

8:00 p.m. to Midnight.
Steaming as before in formation with Yantic on course 210 psc. st standard speed of 78 RPM. Moon rose at 8:35 p.m. Point Betsy abeam at 9:12. distance 2.2 miles. Changed course at 9:14 to 200 psc. Average RPM 78. Steam 180 lbs. Light South southwest airs. Barometer steady.

C. J. Rutter
Chief Quartermaster, USN.

Approved: L. A. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. Halsinger
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM So. Manitou Island. TO Muskegon, Mich. , 25 Aug. 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	2	51	5	78		748900	200	SSW	1	29.36	70	66	63		bz				
2	8	1	59	6	78		753580	200	SSW	1	29.36	72	68	65		bz	as		1	
3	8	3	67	8	78		758260	186	SSW	1	29.37	72	68	65		bz	as		1	
4	8	1	75	9	78		763940	186	SSW	1	29.36	72	66	63		bz	as		1	
5	8	2	84	1	78		767620	180	SSW	1	29.37	71	70	67		bz	as		1	
6	8	2	92	3	78		772300	160	SE	1	29.37	69	68	65		bz	scu		1	
7	8	3	100	6	78		776980	160	SE	1	29.38	68	67	64		bz	scu		1	
8	8	-	108	6	78		781660	170	SS	1	29.38	72	77	69		bcz	cu		1	
9							786130	var.	S	1	29.38	72	76	73		bcz	cu			1
10									SW	1	29.40	78	77	74		bcz	cu			1
11									WSW	1	29.39	79	75	72		bcz	cu		1	
12									SW	1	29.36	81	80	77		bc	cu		1	
P. M.										1										
1									SW	1	29.36	81	80	77		bc	cu		1	
2									SW	1	29.34	72	82	81		bc	cu		1	
3									SW	1	29.35	72	80	79		bc	cis		3	
4									SW	1	29.33	73	80	79		bc	cis		3	
5									SWXS	1	29.31	73	82	80		bc	cis		2	
6									SXW	2	29.30	74	80	78		bc	cis		2	
7									SW	2	29.28	72	78	76		bc	cicu		3	
8									SW	2	29.26	70	76	74		bc	cicu		3	
9									SW	2	29.25	79	78	75		bc	cicu		2	
10									SW	1	29.25	78	76	73		bc	cicu		1	
11									SW	1	29.25	77	76	73		bc	ci		1	
12									WSW	1	29.25	77	76	73		bc	ci		2	

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:

Maximum	A1 82	A2 80		
Minimum	81	78		

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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4—2509

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 25 Aug. 1918.

REMARKS.

Commences and until 4:00 a.m.

Steaming at Standard speed of 78 RPM on course 200° psc. USS YANTIC following 400 yds. astern. Abeam Manistee light at 12:34 a.m. 6.5 miles distant. PLR 47.9 1:00 a.m. PLR 51.5, RPM 78, S. 180 lbs. 2:00 a.m. P PLR 59.6, RPM 78, S. 180 lbs. Abeam Big Sable light at 2:16 a.m. 1.5 miles distant. PLR 61 /8 . Changed course to 186° psc. when Big Sable lihht bore east at 2:20 a.m. PLR 62.3 knots. 3:00 a.m. PLR 67.8, RPM 78, S. 180 lbs. Abeam Ludington N. Breakwater light at 3:02 a.m. 3.5 miles distant. PLR 68.8 knots. 4:00 a.m. PLR 75.9, RPM 78, S. 180 lbs. For watch RPM 78 S. 177.5 Miles made good 39.1. Light south southwest airs. Sea calm. B Barometer steady.

L. C. Crouch Jr.
Ensign, USNRF-4

4:00 a.m. to 8:00 a.m.

Steaming course 186 psc. 4:52 Little Sable light bearing 26 1/2 psc. PLR 82.9, 5:00 PLR 84.1 RPM 78, S. 180 lbs. 5:08 Little Sable light bore 45° psc. PLR 85.1, 5.22 a.m. Little SAble light abem. PLR 87.1 At 5:24 changed course to 160° psc. PLR 87.4 6:00 PLR 92.3, RPM 78, S. 180 7:00 PLR 100.6, RPM 78, S 180 lbs. 7:36 a.m. White River Pierhead light bore 45° psd. 7:40 White River Pierhead light abeam. Changed course to 180° psc. PLR 105.9. For watch RPM 78, S 180 lbs. Light south by east airs. Barometer steady.

J. P. Krause
Carpenter (T), USN .

8:00 a.m. to Meridian.

Made daily inspection of magazines, and S.P. Samples; conditins normal. Steaming course 170 psc. 8:20 changed course to 160 psc. 8:38 changed course to 150 psc. Patent log in at 8:53 reading 15. 8 9:20 anchored in Muskegon Lake in 5 ftahoms of water 30 fathoms of chain at the waters edge. Draft forward 14', aft. 15'10 " Yantic anhcored 9:21 . Church party of 139 men left ship at 10;45 a.m. Church party returne at 12:00 noon.

B. W. Sniffen
Chief BOATswain's Mate, USN.

Meridian to 4:00 p.m.

Received from Muskegon Baking Co. 207 lbs. bread. Sent liberty pa party ashore at 12:45 p.m. Light southwest airs. Barometer steady.

H. J. Pettee
Chief Quartermaster, USN.

4:00 p.m. to 6:00 p.m.

Light southwest breezes. Barometer falling. No remarks.

J. P. Krause
Carpenter (T), USN.

6:00 p.m. to 8:00 p.m.

Light southwest breeaes. Barometer fluctuating. No remarks.

J. P. Krause
Carpenter (T), USN.

8:00 p.m. to Minight.

Liberty party returned . Nor absentees. Light southwest to west wouthwest airs. Barometer steady.

B. W. Sniffen
Chief Boatswain's Mate, USN.

Approved: P. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. Hawkins
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Muskegon, Mich. TO Great Lakes, Ill. 26 Aug. 1918 191

L.R. Rutter, Lieut. Comdr. USNRF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WSW	1	29.27	76	75	72		bc	ci		1	
2									WSW	1	29.26	76	74	71		bc	ci		2	
3									WSW	3	29.24	76	74	71		bc	ci		2	
4									W	2	29.24	76	74	71		bc	ci		2	
5									N	1	29.26	74	74	71		bc	ci		2	
6									NXE	1	29.26	74	72	69		bc	scu		2	
7									NXE	1	29.29	72	72	69		bc	scu		3	
8									NEXE	1	29.26	72	68	69		bc	scu		3	
9									NEXN	2	29.32	72	72	69		bc	scu		5	
10									NNE	2	29.34	73	74	71		bc	cis		5	
11									NN#	1	29.37	74	76	73		bc	cis		6	
12									NNE	1	29.37	76	78	75		bc	cis		6	
P. M.																				
1									NXE	1	29.37	81	79	76		bc	cis		8	
2									NXE	1	29.37	83	83	77		bc	cis		7	
3									NXE	1	29.37	82	82	76		bc	cis		6	
4									NNW	2	29.37	82	82	76		bc	cis		4	
5									NW	2	29.38	81	81	78		bc	cis		4	
6									NNW	2	29.39	81	81	75		bc	cis		4	
7									NW	2	29.39	78	78	75		bcz	cis		4	
8	8		4	2	73	6	793490	233	NXW	3	29.41	73	73	70		bcz	cis		4	
9	8	5	12	7	79	1	793238	233	NNE	2	29.42	72	72	65		bcz	cis		1	
10	8	2	20	9	78		802818	233	NNE	2	29.42	72	72	65		bcz	cis		1	
11	8	34	29	2	78		807518	233	NE	2	29.44	74	74	65		bz				
12		4	37	6	78		812278	233	NE	2	29.44	72	72	65		b				

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

	A1		A2	
Maximum	81		79	
Minimum	80		78	

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended / On hand 81.4

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 26 Aug. 1918.

REMARKS.

Commences and until 4:00 a.m.
Anchored at Muskegon Mich. Steam in No. 1 boiler for auxiliary purposes. Light South southwest airs, and light west breezes. Barometer falling.

Chief quartermaster, USN.

4:00 a.m. to 8:00 a.m.
Crew engaged in carrying out morning orders. Made daily inspection of magazines and S.P. samples, conditions normal. Received 1000 lbs. bread from Muskegon Baking Co.

Carpenter (T), USN.

8:00 a.m. to Meridian.
Transfered the follosing stores t the USS YANTIC: 3 pair shoes; 10 suits dungrees. 150 under shirts; 20 white jumpers; 29 pair white trausers. Received the following stores: 157 lbs ham; 674 lbs. beef; 180 doz. eggs; 194 lbs. pork loins; 150 lbs. sausage; 55 lbs. bacon; 103 lbs. minced ham; 25 lbs. dry beef; 213 lbs. butter; 300 lbs. corn beef. 6 bbls. spuds; 200 lbs. cabbage; 100 lbs. onions; 100 lbs. apples.

Chief Boatswain's Mate, USN.

Meridian to 4:00 p.m.
Received from Standard Oil Co., 25 Gal. oil. Received 8000lbs. ice. Light north west breezes. Barometer steady.

Chief Quartermaster, USN.

4:00 p.m. to 6:00 p.m.
Light north west to noth north west airs. Barometer steady.

Chief Quartermaster, USN.

6:00 p.m. to 8:00 p.m.
Weighed anchor and got under way at 6:54 p.m. steering various courses out of harbor at full speed preceeded by the USS Yantic. Captain conning. Draft forward 13', aft 15' 10". Patent log put out at 7:28 reading 0. Out of harbor at 7:33 p.m. keeping position 400 yds. astern of USS YANTIC. cousre 233° psc. 8:00 p.m. PLR 4.2 k., RPM 73.6, S.P. 169 Light northwest breezes, shifting to gentle north by west breezes. Barometer rising.

Ensign, USNRF-4 cec

8:00 p.m. to Midnight.
Steaming course 233° psc. 9:00 PLR 12.7, RPM 79.7, S 150 lbs. 10:00 PLR 20.9, RPM 78, S 150 lbs. 11:00 PLR 29.2, RPM 78, S 175 lbs. 12:00 PLR 37.6, RPM 78, S 175. For watch, RPM 78.2 S 162, Light northeast breezes. Barometer steady.

Carpenter (T), USN.

Approved:
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
Lieutenant (jg) USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Muskegon, Mich. TO Great Lakes, Ill., Aug. 27 1918 191

L.R. Rutter, Lieut. Comdr. USNRF, U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	4	46	-	78		816958	233	NNE	2	29.44	72	69	66		bc	cis		2	
2	8	4	54	4	78		821638	233	ENE	2	29.43	72	70	68		bc	cis		3	
3	8	7	63	1	81	2	826528	233	E	2	29.42	72	70	68		bc	cis		3	
4	8	2	72	3	84	2	831580	233	ESE	2	29.42	72	69	67		bc	cis		3	
5	7	3	79	6	78		836360	var.	ESE	2	29.42	73	71	68		bc	cis		3	
6									ESE	2	29.42	73	70	67		bc	cis		3	
7									ESE	3	29.46	73	72	70		bc	cis		3	
8									ESE	3	29.46	72	73	70		bc	cis		4	
9									SEXE	3	29.45	74	74	71		bc	cis		2	
10									SEXE	2	29.44	74	73	70		bc	cis		2	
11									SEXE	2	29.42	76	73	70		bc	cis		2	
12									SEXE	1	29.42	76	73	70		bc	cis		2	
P. M.																				
1									SEXE	2	29.43	78	74	71		bcz	cis		3	
2									EXS	1	29.41	78	74	71		bcz	cis		3	
3									EXS	1	29.40	78	78	71		bcz	cis		3	
4									EXS	1	29.38	78	74	71		bcz	cis		3	
5									EXS	1	29.37	75	73	71		bcz	cis		7	
6									EXS	1	29.37	76	74	72		bcz	cis		7	
7									SEXE	1	29.36	76	74	72		bcz	s		8	
8									SSE	1	29.38	78	74	72		bcz	s		8	
9									SSE	1	29.38	77	74	71		bcz	s		8	
10									SSE	1	29.37	76	74	70		bcz	s		5	
11									SXE	2	29.37	75	73	70		bcz	s		5	
12									SXE	2	29.37	76	73	70		bcz	s		4	
																bcz				

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:

Maximum	A1	82	A2	79
Minimum		81		78

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 20.5 / On hand 60.1

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP NSSEX 27 Aug. 1918.

REMARKS.

Commencss and until 4:00 a.m.
Steaming course 233° psc. from Muskegon, Mich. to Great Lakes, 1:00 PLR 46, RPM 78, S 160 lbs. 2:00 pLR 54.4, RPM 78, S 180 lbs. 3;00 PLR 63.1, RPM 81, S 180 lbs. 4:00 PLR 72.3 RPM 84.2 S/ 170 lbs. Average f for watch, RPM 80 S 170 lbs. Light north northeast breezes to east southeast breezes. Miles made good 41.64.

Chief Boatswain's Mate, USN.

4:00 a.m. to 8:00 a.m.
Steaming as before in formation astern of Yantid on course 233 psc. speed of 78 rpm. At 4:55 Waukegan light abeam. Hauled in Patent log reading 79.6 knots. Anchored at Great Lakes, Ill. in 4 3/4 fathoms of water with 35 fathoms of chain at the waters edge. Waukegan light bearing 353 Station tower 272° psc. Gentle east south east breezes. Barometer rising.

Chief Quartermaster, USN.

8:00 a.m. to Meridian.
Mafazines inspeced and conditions found normal. Supernumerary coxswains and gunner's mates instructed in marlinespike seamanship and deck seamanship, quartermaster ins ruled of the road. Gentle and light east south east breezes, shifting to southeast by east. Barometer steady.

Ensign, USNRF-4

Meridian to 4:00 p.m.
1:25 Wahle boat lowered and shoved off with Capt. Rutter and mail orderly. afternoon drills; coxswains 1st period, blocks and tackles and reeving of falls, 2nd period duties of coxswains. Quartermasters wig-wag Gunner's mates manufacture of ammunition and smokeless powder. Light east breezes. Barometer steady.

Carpenter (T), USN.

4:00 p.m. to 6:00p.m.
The following returned from leaveo of absence: Wencker, F.P. Q^M 2c, USN I.F. Brown, GM1c, USN. H.W. Herron, BM2c, USN; GJ Bates, Cox., USN. Light east by south airs. Barometer steady.

Chief Quartermaster, USN.

6:00 p.m. to 8:00 p.m.
Light east by south to so th southeast airs. Barometer steady. No remarks.

Chief Boatswain's Mate, USN.

8:00 p.m. to Midnight.
Light south southeast airs, changing to light south by east breezes. Barometer steady. No remarks.

Ensign, USNRF-4

Approved: Lieutenant Commander, USNRF-2 Commanding Officer.

Examined: Lieutenant (jg), USNRF-1

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Ill. TO 28 Aug. 1918. 191

L.R. Rutter, Lieut. Comdr. USNRF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SXE	2.	29.38	74	72	69		bcz	s		4	
2									SXE	2	29.35	73	70	67		bcz	s		4	
3									SXE	2	29.35	73	70	67		bcz	s		4	
4									SXE	2	29.35	73	70	67		bcz	s		4	
5									SXE	1	29.31	72	71	68		bcz	s		3	
6									SXE	1	29.33	71	70	67		bcz	s		5	
7									SW	1	29.34	78	69	66		bcz	s		5	
8									SXE	1	29.34	69	75	72		bcz	s		5	
9									SSE	1	29.33	72	75	72		bcz	cis		3	
10									SE	1	29.34	74	79	76		bcz	cis		3	
11									SE	1	29.32	74	76	73		bcz	cis		4	
12									SE	2	29.30	75	75	72		bcz	cis		5	
P. M.																				
1									SE	2	29.28	75	74	71		bcz	as		5	
2									SE	2	29.26	75	76	73		bcz	as		5	
3									SE	2	29.24	77	75	72		bcz	as		7	
4									SE	2	29.23	79	79	76		bcz	as		7	
5									SE	2	29.23	81	81	78		bcz	ac		7	
6									SE	2	29.22	81	81	78		bcz	ac		7	
7									SWXW	2	29.22	80	80	77		bcz	cun		8	
8									SW	2	29.22	80	80	77		bcz	cun		8	
9									WNW	3	29.28	76	76	73		bcz	scu		2	
10									NWXW	3	29.34	74	72	69		bcz	scu		2	
11									NWXW	3	29.36	72	70	68		bcz	scu		3	
12									NW	3	29.37	70	69	66		bcz	scu		3	

Sd. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1 82 A2 79

Minimum 81 78

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 5.5 / On hand 55.5

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP RSSMK 28 Aug. 1918.

REMARKS.

Commences and until 4:00 a.m.
At anchor off Great Lakes, Ill. in 4 fathoms of water with 35 fathoms of chain at the watersedge. Light south by east breezes. Barometer steady.

Carpenter (T), USN.

4:00 a.m. to 8:00 a.m.
Made daily inspection of magazines and S.P. Samples, conditions normal. Light south by east to southwest airs. Barometer steady.

Chief Boatswain's Mate, USN.

8:00 a.m. to Meridian.
Received from Great Lakes. 10 3-pder. ammunition chests and 160 3-pdr. cartridges target ammunition. 10:10 a.m. Lieut. Comdr Grimes, Lieut. Comdr. McClurg, Lieut. (jg) Harpenter, Lieut. Rowan, Lieut. Grimmell came aboard. 10:20 got underway for range, Yantic anchored south of target for obse rvation. 11.32 on range for first run at 45 RPM. 11:54 commenced firing starboard battery, 40 shots, 31 hits. Light southeast breezes. Barometer steady.

Carpenter (T), USN.

Meridian to 4:00 p.m.
Commenced firing on 2nd run at 1.:06 p.m. ceased firing at 12:14 Port battery, 40 shots, 26 hits. time 5 min. 32 sec. Stood out toward and anchored near target at 12:25 p.m. in 7 1/2 fathoms of water with 40 fathoms of chain at the waters edge. Received aboard at 12:30 ward room supplies from Station. Weighed anchor and stood in toward at 1:36 p.m. Commenced firing on 3rd run at 1:54 p.m. ceased firing 2:00:10 p.m. Starboard battery, 40 shots, 27 hits, time 5 min. 35 sec. Commenced firing on 4th run at 2:35 p.m. ceased fring 2:39:14 p.m. Port battery 40 shots, 32 hits. time 4 min. 14 sec. . Stood out and anchored at 3:10 p.m. approximately 600 yds south of target in 7 1/2 fathoms of water with 35 fathoms of chain at the waters edge. USS YANTIC commenced firing on range s at 3:20 p.m. Plotted fall of YANTIC'S SHOTS. Light southeast breezes. Barometer steady.

Ensign, USNRF-4

4:00 p.m. to 6:00 p.m.
USS YANTIC finished firing at 5:09 p.m. and stod in toward shore and anchored at 5:42 p.m. Weighed anchor and stood in toward Great Lakes, at 5:42 p.m. Dropped anchor at 5:56 p.m. in 3 3/4 fathoms of water with 25 fathoms of chain at the waters edge. administration building tower bearing 265° psc. Station water tank light 340 psc. Light southwest breezes shifting to southeast. Barometer steady.

Ensign, USNRF-4

6:00 p.m. to 8:00 p.m.
Anchored off Great Lakes, Ill. Received from USN dept. Great Lakes stores. Received C&R stores. Light SW to NNW breezes. Barometer steady.

Chief Boatswain's Mate, USN.

8:00 p.m. to 12:00 midnight.
At 9:50 Gopher stood in and anchored at discretion. Gentle NNW airs. Barometer rising.

Chief Quartermaster, USN.

Approved: L.R. Rucker
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: E.H. Kalbfus
Lieutenant (jg), USNRF-1

U. S. N. Navigation

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex

AT OR EN ROUTE FROM Great Lakes, Ill. TO Chicago, Ill, 29 Aug 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NNW	2	29.40	70	67	64		bcz	cis		3	
2									NWXW	2	29.43	70	66	62		bz	cis		3	
3									NW	2	29.46	70	63	61		bz	cis		2	
4									WSW	1	29.47	68	62	61		bz	cis		1	
5									W	1	29.49	68	62	59		bcz	cis		1	
6									W	1	29.48	68	62	59		bcz	cis		1	
7									W	1	29.50	68	62	59		bcz	cis		1	
8									W	1	29.50	68	62	59		bcz	cis		1	
9									W	1	29.50	69	62	59		bc	cis		1	
10									SXE	1	29.50	68	62	59		bc	cis		1	
11									SXE	1	29.51	76	76	59		bc	cis		1	
12	5	6			78	3	850780		SXE	2	29.50	72	75	72		bc	cis		1	
P. M.																				
1	8	4	14		78		855460	148	SEXS	2	29.50	71	70	67		bc	cis		1	
2	8	8	22	5	78		860140	175	SEXS	2	29.51	76	70	67		bc	cis		1	
3	4	-	16	5	78	6	864558		E	2	29.51	77	76	73		bc	cis		1	
4									EXS	1	29.48	78	71	68		bc	cis		11	
5									EXS	1	29.45	81	71	68		bc	cis		1	
6									EXS	1	29.47	80	71	68		bc	cis		1	
7									E	1	29.46	80	71	68		bcz	cis		1	
8									E	1	29.46	80	70	67		bcz	cis		3	
9									ESE	1	29.48	80	72	69		bcz	cis		3	
10									E	1	29.46	80	72	69		bcz	cis		3	
11									SE	1	29.44	78	72	69		bc	cis			
12									SEXS	1	29.42	76	72	69		bc	cis			

Sun. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

Sun. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum	A1	81	A8	79
Minimum		80		78

Compass _____

S. II _____

Error _____

Variation _____

Deviation _____

Coal.	Received	
	Expended	8.7
	On hand	46.8
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 29 Aug. 1918, 191

8:00 a.m. to Meridian (cont.)

Quartermasters:

Ramsey, H.G.
Raymond, L.E.
Reynolds, L.D.
Rudolph, H.A.
Schroeder, J.F.
Sheets, G.A.
Still, F.C.
Tyre, W.K.
Wells, R.F.
Benson, L.H.
Reynolds, C.
Pease, R.A.
Burnham, C.R.
Atwell, H.
Albright, W.H.
Ash, J.L.
Burchett, J.P.
Corlew, M.V.
Carleton, R.B.
Stoickel, A.F.

Cornell, S.
Dietrich, S.R.
Ecker, P.M.
Frost, B.
Ferguson, F.C.
George, C.H.
Gillette, F.C.
Gause, A.Q.
Hamilton, F.L.
Kavanaugh, F.P.
Lillis, S.E.
Lannan, M.M.
McGlade, M.R.
Meyers, G.S.
McLean, A.J.
Nance, T.B.
Riordan, J.J.
Rice, G.S.
Smalley, J.H.
Chilelli, N.

Commissmates.

Sullivan, J.A.
Swindler, M.V.
Uecker, R.A.
Timmer, E.J.
Van Every, F.H.
Varner, D.B.
Winchell, R.A.
Wuerth, H.J.
Bendure, W.L.
Bird, C.M.
Bowdle, O.C.
Beaber, L.R.
Bolendar, H.
Buckland, R.P.
Byron, P.L.
Corbett, L.C.
Cummings, C.L.
De Lacy, C.E.
Ellis, D.
Haston, M.C.
Sowash, P.K.
Strite, K.D.

Hoefer, O.H.
Holt, A.S.
Jackson, C.H.
Kennedy, W.A.
Klermund, C.J.
Knickerbocker, M.R.
Korte, L.
Lee, EE.
Lockwood, H.K.
Marshall, G.A.
MacMahon, E.V.
Crooks, C.E.
Reynold, C.L.
Moeller, H.
Olive, J.V.
Olive, M.W.
Percival, F.
Potter, W.E.
Quinn, D.F.
Regelin, A.J.
Royalty, A.L.
Skeate, F.E.

Underway at 11:03 in formation with the YANTIC AND GOPHER. 11:38 took 26° psc bearing on Ft. Sheridan Tower PLR 2.5 12:00 R.P.M. 78, S. 175,

B. Barnes
Chief Boatswain's Mate, USN.

Meridian to 4:00 p.m.

Steaming as before in formation with YANTIC AND GOPHER. on course 148 psc. 2:43 p.m. started entering Chicago Harbor, Capt. conning, Steering various courses and speeds. 3:04 p.m. anchored in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain atthe waters edge. Draft aft, 15' forward 13' 3:06 Yantic anchored at discretion. Light SXE breezes. Barometer steady.

F. J. Fistler
Chief Quartermaster, USN.

4:00 p.m. to 8:00 .m.

Received aboard stores for the commissary. Liberty party shoved off at 5'00 p.m. Light South to east airs. Barometer steady.

B. Barnes
Chief Boatswain's Mate, USN.

8:00 p.m. to Midnight.

Light east southeast to south east airs. Barometer steadt. No remarks.

B. Barnes
Chief Boatswain's Mate, USN.

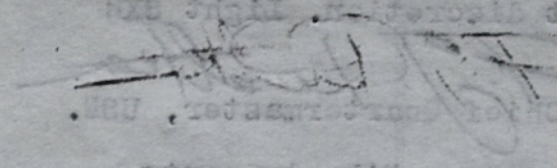
Approved:
L. R. Rumer
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
E. Wakeman
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2995

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ADDITIONAL SHEET.



Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 29 Aug 1918.

REMARKS.

Commences and until 4:00 a.m.
At anchor off Great Lakes; Administration Bldg. tower 297° psc. Both boilers steaming. Light north northwest breezes, and north west airs. Barometer rising.

E. C. Brown
Ensign, USNRF-4

4:00 a.m. to 8:00 a.m.
5:00 reveille. carried out morning orders. Light west winds. Barometer steady.

J. P. Krause
Carpenter, (T), USN.

8:00 a.m. to Midnight.
Made daily inspections of magazines and S.P. samples, conditions normalReceived on board 2 3-pdr. ammunition chests and 32 3-pdr. cartridges saluting. Sent to GReat Lakes, 10 3-pdr. ammunition chest, 160 empty 3-pdr. cartridge cases, and 3 boxes empty 30-cal. rifle cartridges. At 10:30 a.m. J.M. Bower, Lieut. USNRF-1 detached from thisvessel. Receive on board for a three weeks period of training the following men: Coxswains;

Hodges,	Roberts, W.C.	Whitlatch, W.B.	Kohn, W.W.
Miller, F.B.	Schwartz, H.P.	Yutze, C.E.	Lange, W.E.
Meabon, R.W.	Scott, P.E.	Brunnell,	Lampkin, P.H.
Morton, C.K.	Sheern, R.H.	Ackerson, E.J.	Lucius, J.E.
Monnich, R.C.	Story, P.	Allen, R.E.	Nehlsen, H.W.
Newkirk, C.H.	Scheel, F.M.	Brink, B.	Osborn, W.C.
Oldham, S.W.	Sieja, E.J.	Braun, O.E.	Orchardm C.L.
Quist, R.W.	Sargent, C.F.	Conway, E.L.	Shelton, W.B.
Rowley, W.W.	West, E.E.	Cameron, L.M.	Swanson, E.O.
Roy A.L.	Walls, L.L.	Diamond, E.J.	Tolan, J.J.
Regner, R.J.	Wolf, J.J.	Dean, F.	Persgard, O.
		Krainer, L.J.	
Gunner's mates;	Antibus, E.	Fausone, J.L.	Feldt, S.E.
Spitz, W.A.	Augustus, R.S.	Chojnowski, S.F.	Finney, J.E.
Morlan, G.E.	Bessely, A.B.	Cobbs, E.	Fish, K.C.
Kainer, R.C.	Bolman, L.W.	De Hass, L.	Fletcher, M.A.
Inda, A.	Braun, F.H.	Dopke, T.L.	Gates, L.B.
Johnson, F.L.	Brown, H.A.	Dorrance, W.M.	Gebhart, R.I.
Hirschman, R.F.	Broyles, W.C.	Duncan, J.L.	Gordy, H.C.
Hill, W.C.	Burgerr, S.	Wback, E.	Geleide, C.A.
Hayes, R.M.	Burges, R.E.	Edwards, H.H.	Gildea, H.E.
Guckenberger, S.V.	Burns, M.E.	Ekstrom, W.E.	
Gruesser, H.W.	Cafferry, R.W.	Ellington, I.C.	
Anderson, F.W.	Carson, C.L.	Everhart, E.	
	Caton, L.R.		
Quartermasters?	Cavanaugh		
Peterson E.C.	Chambers, J.E.	Mullani, H.A.	Serviss, T.K.
Sakody, S.	Bandel, E.C.	Pestai, L.A.	Brisendiee, C.E.
Wilson, A.E.	Brownell, J.C.	Berlinski, B.J.	Hall, B.J.
Young, F.H.	Fentress, J.W.	Franzen, V.E.	Thatcher, A.S.
Bergdahl, G.S.	Halliburton, L.	Hudson, C.L.	Maynard, A.C.
Konig, E.	Hastings, E.C.	Shalhafer, I.J.	Snell, R.J.
Schmidtke, F.W.	Hecklinski, J.	Wilson, J.C.	Berger, C.J.
Shannon, A.W.	Moore, N.A.	Winkler, L.C.	Brunner, R.A.
Stark, E.L.	Trefry, L.F.	Culver, R.A.	Brott, E.L.
Vos, J.	Wichman, L.J.	Kendall, O.S.	Carrick, H.

Transfered the following men to Great Lakes :

Anderson, A.R.	Flanagan, W.R.	Krell, J.H.	Alexander, E.C.
Ashley, E.C.	Freeman, H.	Krugh, R.	Ashby, T.R.
Bott, R.E.	Galinski, T.	Larson, C.P.	Strassberg, F.
Bradley, I.O.	Galenza, T.A.	Loftus, J.V.	Morgan, R.
Charlton, J.E.	Goodman, F.R.	Limpert, G.C.	Moore, J.B.
Carnahan, F.G.	Graco, G.	McNamara, E.J.	Kearney,
Crouch, C.L.	Gossard, D.	Malone, T.W.	Beeson.
Cook, E.	Hyde, S.N.	Miller, GB	Thompson, O.
Carney, C.D.	Hughes, E.F.	McDonald, J.M.	
Datt, H.W.	Lamprecht, H.F.	Newcomb, D.A.	
Ernst, G.M.	Huber, M.F.	O'Connell, R.J.	
Fitzpatrick, R.J.	Kutal, C.G.		

Approved:
L. R. Rumer
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
G. H. Roberger
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 30 Aug 1918, 191

L.R. RUTter, Lieut. Comdr., USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SE	2	29.40	72	68	65		co	cu		9	
2									SXE	2	29.39	73	66	64		cor	nim		10	
3									SWXS	2	29.44	71	61	59		crl	nim		10	
4									S	2	29.41	72	62	60		crl	nim		10	
5									SW	1	29.38	72	64	62		crl	nim		10	
6									S	1	29.43	71	65	61		crl	nim		8	
7									S	1	29.42	70	68	66		bcz	as		7	
8									S	1	29.31	71	70	68		bcz	as		7	
9									S	1	29.31	71	70	68		ocf	as		7	
10									SSW	1	29.34	71	71	69		ocf	as		8	
11									S	1	29.30	76	71	69		ocf	as		8	
12									S	1	29.32	80	71	69		ocf	as		9	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum A1 80 A2 79

Minimum 79 78

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SXW	1	29.30	80	70	67		ocz	as		9	
2									SXW	1	29.28	80	68	65		ocz	as		9	
3									SEXS	1	29.26	82	70	67		bcz	as		6	
4									WXN	1	29.25	80	76	73		bcz	as		6	
5									WXS	1	29.25	80	76	73		bcz	as		6	
6									WXS	1	29.22	74	71	68		bcz	as		6	
7									SE	1	29.22	74	71	68		bcz	cu		5	
8									SW	1	29.23	77	74	72		co	nim		10	
9									SW	2	29.22	75	70	68		co	scu		10	
10									SW	2	29.21	74	70	68		co	scu		10	
11									WSW	2	29.21	74	70	68		co	scu		10	
12									NW	3	29.22	72	64	62		co	scu		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4:00 a.m.
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain at water edge. 1:20 Lighting with passing showers. ~~Wind~~ Light S.E. breezes. Barometer fluctuating.

Carpenter (T) USN

4:00 a.m. to 8:00 a.m.
Reveille at 5:30. 6:00 Turn to.carrying out morning orders. 6:07 Gopher underway. Passing showers of rain. 7:00 Liberty party returns with 2 absentees, Moen, J.E and Wagner, G.Z. Light S airs. Barometer Fluctuating.

Carpenter (T) USN

8:00 a.m. toMaridian
Made daily inspection of Magazine S.P. samples condition was normal. Tested Life buoys and magazine flood cocks- all in good working order. ~~Made for the night by exc~~ept Moen, J.E. and Wagner, G.Z. reported 1:35 minutes over leave. Received on board, 1box fish from Booth fisheries Co. J.F. Meinzer left ship on 6 days leave. 10:13 underway for coal dock. 10;30 arrived at dock and started coaling, draft ford 13'2 aft 15'6. J.E. Tahl returned from 10 days leave of absense. J.Franks returned from leave. Took on 140 tons of coal.from Pittsburg Coal Co. Carlock, D.M. left on 10 days leave. W.J. Clements left on 7 days leave. F.J. WILLEY And H.J. Corn left on 10 days leave. Light S airs. Barometer steady. Draft fordl4'3 aft 15'0/

Chief Boatswain Mate USN

Meridian to 4:00 p.m.
12:27 Got underway from coal dock and resumed our previous birth. O.C. Bales and J.Bales left on 9 days leave. Received from Cohen & co. 415 lbs watermelon, 180 lbs pears. from S.Houston & co. 300 lbs potatoes. from Standard Oil Co/ 50 gals gasoline. Crew engaged in field day. Light SXW TO WXN airs. Barometer steady.

Chief Quartermaster USN

4:00 p.m. to 8:00 p.m.
Sent Liberty party ashore at 5:00. Light WXN to SE airs. Barometer steady.

Chief Quartermaster USN

8:00 p.m. to Midnight
Intermittent showers. Gentle NW breezes. Barometer steady.

Ensign USNRF-4

Approved:
Lieutenant Commander, USNRF-2
Commanding Officer

Examined:
Lieutenant (JG) USNRF-1
~~U.S.N.~~ Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO ..... Aug. 31st, 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NW	2	29.21	71	64	61		cod	scu		10	
2									NW	2	29.21	76	64	61		cod	scu		10	
3									NNW	2	29.21	70	62	60		co	scu		10	
4									WNW	2	29.21	70	62	60		co	scu		10	
5									NW	1	29.26	70	64	62		co	scu		8	
6									NW	1	29.29	71	61	59		bc	ci		5	
7									WNW	1	29.30	68	61	59		bc	ci		2	
8									WNW	1	29.31	68	62	60		bcz	ci		2	
9									WNW	1	29.34	70	64	61		bcz	ci		2	
10									NW	2	29.36	70	66	63		bcz	cis		2	
11									NNW	2	29.37	72	68	65		bcz	cis		2	
12									NWXW	1	29.38	72	71	68		bc	cu		3	
P. M.																				
1									WNXW	1	29.37	74	71	68		bcz	cu		3	
2									WXN	1	29.36	74	74	70		bcz	cu		3	
3									NNW	1	29.37	75	70	87		bcz	cu		3	
4									NNW	1	29.37	76	70	87		bcz	cu		2	
5									SE	1	29.38	76	72	69		bcz	cu		2	
6									SE	1	29.38	74	72	69		bcz	cu		2	
7									SXW	1	29.38	72	70	67		bcz	cu		2	
8									W	1	29.34	72	70	67		bcz	cu		1	
9									W	1	29.40	72	70	67		bxz	cu		1	
10									W	1	29.41	72	70	67		bcz	cu		1	
11									W	1	29.42	70	68	65		bcz	cu		1	
12									WSW	1	29.42	72	66	63		bcz	cu		1	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum	A1	80	A2	78
Minimum		80		77

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 31 Aug. 1918.

REMARKS.

Commences and until 4:00 a.m.
At anchor in Chicago Harbor i 31/4 fathoms of water with 2o fathoms of chain at the waters edge. South Gap light bearing 156 psc. Outer Pierhaad light 2 4 psc. Boiler "B" steaming for auxiliarty purposes.

L. C. Lamb
Ensign, USNRF-4

4:00 a.m. to 8:00 a.m.
Crew turned to at 5:30 a.m. carrying out morning orders. Barometer rising.

L. C. Lamb
Ensign, USNRF-4

8:00 a.m. to Meridian.
Made daily inspection of magazines and S.P. samples. Conditions normal. Quarters and inspection of ship and crew.

B A Sniep
Chief Boatswain's Mate USN crew.

Meridian to 4:00 p.m.
M.C. Lightner, Y3c, USNRF transfered to Great Lakes, Ill. this date/ Received on board and passed inspectio th following stores: 500 lbs bread. 100 lbs hamburger, 100 lbs. luncheon meat, 1255 lbs beef, 127 lbs butter, 201 lbs chicken, 120 doz? eggs. 8000 ice. Liberty party left ship at 1:00 p.m. C.L. Orchard s2c transfered to US Naval Training Station, Great Lakes, Ill. G.C. Scott, Sea, USN A and H.G. Taylor, Bug. USN, left ship on 14 day leave of absence expiring Sept. 13, 1918.

B A Sniep
Chief Boatswain's Mate, USN.

4:00 p.m. to 8:00 p.m.
Wheeler, E. Wrd-sk, USNRF-4 reported aboard for duty from Naval Hospital, Great Lakes, Ill.

B A Sniep
Chief Boatswain's Mate, USN

8:00 p.m. to 12:00 midnight.
Light west to west southwest airs. Barometer steady. No remarks.

J. J. Krause
Carpenter (T), USN.

Approved: L. R. Lutes
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. L. Kaltenbach
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., ..., 191

....., ..., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
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4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

S. a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

S. p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
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P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

(This page to be sent to Bureau of Navigation monthly.)

N. Eq. 20.

DIG 21.1.20

LOG BOOK

OF THE

U. S. S. ESSEX

Rate,

COMMANDED BY

L.R.Rutter, Lieutenant Commander, U. S. Navy, R.

Attached to { Division, Squadron, Great Lakes Fleet,

Commencing 1 September, 1918,

at Chicago, Illinois.,

and ending 30 September, 1918,

at Chicago, Illinois.

1915.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

GUEST BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by L.R. Rutter, Lieut. Comdr., U. S. N.R. during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 Sept., 1918, to 30 Sept., 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
Lynn R. Rutter	Lieut. Comdr.	3-17-18		
G.L. Holsinger,	Lieut.	5-22-18		
Charles E. Crone	Ensign	4-1-18		
Geo. W Wood	Lieut. Med. Corp	3-22-18		
Edgar R.Sanders	Ensign	3-20-18		
Robert E. Wright	Ensign Pay Corp	4-14-18		
Jos. P Krause	Carpenter (T)	10-15-17		
E. K. Pilcher	Ensign	8-30-18		
L.A. Hanley	Ensign	9-4-18		
J.E. Flanders	Ensign	9-4-18		
H.R. Phillips	Ensign	9-4-18	9-14-18	
R.M. MacDonald	Ensign (T)	9-21-18		

Examined and found to be correct.

G. L. Holsinger
Lieutenant, USNRF-1

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, September, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	1
3	Boatswain's Mates, first class	2
2	Boatswain's Mates, second class	4
6	Coxswains	16
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	2
	Gunner's Mates, second class	
2	Gunner's Mates, third class	0
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	
1	Chief Quartermaster (Signals)	1
2	Quartermaster, first class	2
2	Quartermaster, second class	
2	Quartermaster, third class	1
50	Seamen	19
75	Ordinary Seamen	37
	Apprentice Seamen	
	Total	76
	ARTIFICER BRANCH.	
1	Chief Electrician	1
1	Electricians, first class	1
1	Electricians, second class	2
2	Electricians, third class	1
1	Chief Electrician (Radio)	1
1	Electricians, first class (Radio)	
1	Electricians, second class (Radio)	2
1	Electricians, third class (Radio)	1
1	Chief Carpenter's Mate	1
1	Carpenter's Mates, first class	
	Carpenter's Mates, second class	2
1	Carpenter's Mates, third class	1
1	Shipwrights	1
1	Shipfitters, first class	3
	Shipfitters, second class	
	Blacksmiths	
1	Plumbers and Fitters	
1	Sailmaker's Mates	
	Printers	
	Painters, first class	
	Painters, second class	1
	Painters, third class	1
	Total	19
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	2
3	Machinist's Mates, first class	3
3	Machinist's Mates, second class	2
1	Chief Water Tenders	
2	Water Tenders	3
1	Boiler Maker	1
	Blacksmiths	2
1	Coppersmiths	1
3	Oilers	3
6	Firemen, first class	5
6	Firemen, second class	8
6	Coal Passers	5
	Total	35
	SPECIAL BRANCH.	
4	Chief Yeoman: Commanding Officer / Equipment Department / Pay Department / Engineer Department / Executive Officer	2
5	Yeoman, first class: Commanding Officer / Equipment Department / Executive Officer / Pay Department / Engineer Department / Ship's Store	2
2	Yeoman, second class: Commanding Officer / Ordnance Officer / Executive Officer / Navigator	2

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—ctd.: Pay Department / Engineer Department / Ship's Store	
	Yeoman, third class: Commanding Officer / Equipment Department / Pay Department / Ship's Store / Engineer Department / Navigator / Executive Officer	2
	Hospital Steward	
	Hospital Apprentices, first class	
2	Hospital Apprentices 2nd class	
2	Buglers	1
	Bandmaster	
	First Musician	
	Musician, first class	
	Musicians, second class	
	Total	9
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	1
	Commissary Steward	
1	Ship's Cooks, first class	2
1	Ship's Cooks, second class	1
1	Ship's Cooks, third class	
2	Ship's Cooks, fourth class	3
1	Bakers, first class	1
	Bakers, second class	
	Total	8
	MESSMEN BRANCH.	
1	Cabin Steward	1
1	Cabin Cook	1
1	Mess Attendant	1
1	Wardroom Steward	
1	Wardroom Cook	1
4	Mess Attendants	4
1	Mess Attendants (Laundry)	1
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total	9
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendant	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

4—2599

Examined and found to be correct.

G. A. Rabenig
Lieutenant, USNRF-1 *Navigator.*

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ESSEX

MAIN BATTERY.

GUNS. No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mech'sm.	Remarks.	SHIP AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	Remarks.
4	3-Pdr.	50	X	X		6		1X	
2	3-Pdr.	50	X	X Mod 1					

SECONDARY BATTERY.

GUNS. No.	Cal.	Mark and Modifications.	Remarks.	SHIP, BOAT, AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	Remarks.

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	Remarks.
40	Spr.	30		1903	
40	Krag	30		1898	
4	Colt	38 Pistol			

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

E. H. Galanin

Lieutenant, USNRF-1 Navigator.

4—2000

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. ..... ON BOARD THE U. S. S. ESSEX

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.	H.J. Green & Brooklyn N.Y.	1574	Cabin			Unknown
ANEROID BAROMETER.	G. Falconer & Co., Hong Kong, China.	None	Chart House	None	none	Unknown
THERMOMETER (Dry Bulb).	NONE					
THERMOMETER (Wet Bulb). (Psychrometer.)	NONE					

Examined and found to be correct.

E. R. Halsey 2d
Lieutenant, USNRF-1 *Navigator.*

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

UNITED STATES SHIP .....

REMARKS.

Approved:

Examined:

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO ....., 1 Sept. 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF, U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	2	29.44	72	66	63		b				
2									SW	2	29.44	72	66	63		b				
3									SW	2	29.44	70	65	62		b				
4									SWXW	2	29.45	72	65	62		b				
5									SWXW	2	29.45	71	65	62		b				
6									WSW	2	29.45	71	63	60		bcz	cis		3	
7									SW	2	29.45	71	63	60		bcz	cis		3	
8									SW	2	29.50	72	67	65		bcz	cis		3	
9									SW	2	29.50	76	68	65		bc	cis		6	
10									SW	2	29.50	76	68	65		bc	cis		5	
11									SW	3	29.50	76	72	70		bc	cis		5	
12									SW	3	29.48	80	68	76		bc	cis		4	

P. M.																				
1									SW	3	29.47	80	81	78		bc	ci		5	
2									SW	2	29.46	80	84	81		bc	ci		5	
3									SWXS	2	29.44	80	82	79		bc	ci		5	
4									SWXS	2	29.43	80	81	78		bc	cis		5	
5									SWXS	2	29.41	80	80	77		bc	cis		4	
6									SW	2	29.42	80	80	78		bcz	cis		3	
7									SW	1	29.42	80	80	76		bcz	cis		7	
8									SW	1	29.41	79	79	73		bcz	cis		4	
9									SWXS	1	29.44	77	76	72		bcz	cis		4	
10									S	1	29.44	77	75	71		bcz	cis		4	
11									SSW	1	29.44	75	74	71		bcz	cis		4	
12									SSW	1	29.43	74	73	70		bcz	cis		4	

8 a. m. Latitude .....
Longitude .....

Noon. Latitude .....
Longitude .....

8 p. m. Latitude .....
Longitude .....

Current: Set .....
Drift .....

Magazine Temperatures:
Maximum A1 80 A2 79
Minimum 79 78

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal: Received .....
Expended 3.9
On hand 156.6

Fuel oil: Received .....
Expended .....
On hand .....

Water: Distilled .....
Received .....
Expended .....
On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

4—2509

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 1 Sept. 1918

REMARKS.

Commencing and 4:00 a.m.
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain at the waters edge. Light south west by west airs. Barometer steady.

J. H. Krause Carpenter, (T), USNR

4:00 a.m. to 8:00 a.m.
Reveille at 5:30 turn to 6:00 a.m. carrying out morning orders. Liberty party returned 8:00 a.m. No absentees. Light south west airs. Barometer steady.

J. H. Krause Carpenter (T), USNR

8:00 a.m. to Meridian
Church and liberty parties shoved off at 10:00 a.m. Light to gentle southwest breezes. Barometer steady.

C. E. Crane Jr.
Ensign, USNRF-4

Meridian to 4:00 p.m.
Church party returned aboard at 12:45 p.m. Visitors received aboard. E.R. Brillhart Cox, USN and S. Thordarson, Cox, USN reported aboard from furlough expiring 9/1/18. Light south west airs shifting to south west by south.

C. E. Crane Jr.
Ensign, USNRF-4

4:00 p.m. to 6:00 p.m.
All visitors sent ashore at 5:00 p.m. S.E. First Class S2c USNRF left ship at 6:00 on leave of absence expiring 8:00 a.m. Sept. 4 1918.

C. E. Crane Jr.
Ensign, USNRF-4

6:00 p.m. to 8:00 a.m.
Light southwest by south and south west airs. Barometer steady.

C. E. Crane Jr.
Ensign, USNRF-4

8:00 p.m. to Midnight.

Light south south west airs. Barometer steady. No remarks.

H. J. Watkins
Chief Quartermaster, USN.

Approved: L. A. Riviere
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. Habenicht
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

4—2596

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 2 Sept. 1918 191

L.R. Rutter, Lieut. Comdr. USNRF U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSW	1	29.42	74	72	69		bc	ci		2	
2									SSW	1	29.41	74	70	67		bc	ci		2	
3									SSW	1	29.40	72	70	67		bc	ci		3	
4									SSW	1	29.40	72	70	67		bc	cis		6	
5									SW	1	29.41	70	68	65		bc	cis		5	
6									SW	1	29.38	72	68	65		bc	as		7	
7									S	1	29.37	71	68	65		bc	as		6	
8									S	1	29.37	71	68	65		ocz	as		10	
9									SWS	2	29.36	71	69	66		ocz	as		10	
10									SWS	2	29.36	71	68	66		ocz	as		10	
11									SWS	2	29.33	74	69	65		ocs	as		10	
12									SWXS	1	29.35	74	68	65		ocz	as		10	

a. m. Latitude —
Longitude —

Noon. Latitude —
Longitude —

p. m. Latitude —
Longitude —

Current Set —
Drift —

Magazine Temperatures:

	A1	A2
Maximum	79	79
Minimum	78	77

Compass —
S. H. —
Error —
Variation —
Deviation —

Coal. Received —
Expended 2.8
On hand 152.8

Fuel oil. Received —
Expended —
On hand —

Water. Distilled —
Received —
Expended —
On hand —

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SSW	1	29.31	71	67	65		ocr	nim		10	
2									SE	1	29.29	70	66	64		ocr	nim		10	
3									W	1	29.27	70	65	63		ocr	nim		10	
4									SW	1	29.25	70	64	62		ocr	nim		10	
5									S	1	29.25	70	66	64		ocz	scu		10	
6									S	1	29.26	70	66	64		ocz	scu		10	
7									SSW	1	29.26	68	66	64		ocz	scu		10	
8									W	1	29.27	68	66	64		ocz	scu		10	
9									WXN	1	29.27	67	67	64		ocz	scu		10	
10									WXN	1	29.28	67	65	65		ocz	scu		10	
11									WXN	1	29.29	67	64	63		ocz	scu		10	
12									WXN	1	29.30	66	64	62		ocz	scu		10	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4:00 a.m.
Anchored at Chicago in 3 1/4 fathoms of water with 20 fathoms of chain at the water's edge. Light SSW airs. Barometer steady.

H. J. Leathers
Chief Quartermaster, USN

4:00 a.m. to 8:00 a.m.
Carried out morning orders. U.S.S. GOPHER stood in at 7:3P a.m. GOPHER anchored about 600 yds. south of this vessel, at 7:47 a.m. Liberty party returned at 8:00 a.m. No absentees. Light SSW to south airs. Barometer steady.

H. J. Leathers
Chief Quartermaster, USN

8:00 a.m. to Meridian.
Made daily inspections of magazines and S.O. Samples Supernumeraries instructed in gun nomenclature, flag hoists, and boats under oars. 11:00 B. Rademacher left ship on leave of absence expiring 8:00 a.m. 9 Sept. 1918 Light southwest airs. Barometer steady.

J. J. Krause Carpenter, (T), USN

Meridian to 4:00 p.m.
1:00 p.m. Capt. Rutter ashore. Liberty party shoved off at 1:00 p.m. 2:00 fired ten round salut from 3-pdr. guns, at ten second intervals. Light southwest airs. Barometer steady.

J. J. Krause Carpenter (T), USN

4:00 p.m. to 8:00 p.m.
4:25 p.m. Capt. Rutter aboard. Liberty party shoved off at 5:50 p.m. W.G. Preston, SF1c, USNRF-4 and A. Belobraidich, Bsmth1c USNRF-4 left ship on leave of absence expiring 12:00 noon 9 Sept. 1918. Light southwest to south winds.

J. J. Krause Carpenter, (T), USN

8:00 p.m. to Midnight.
9:00 p.m. fired 5 round salute from 3-pdr. guns in accordance with orders from the Commanding Officer. 12:00 liberty party returned.

B. Gaines
Chief Boatswain's Mate, USN

Approved: L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. Wakeman
Lieutenant (jg) USNRF U.S.N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP USSHX

AT OR EN ROUTE FROM Chicago, Illinois TO 3 Sept. 1918

L.R. Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WNW	1	29.31	68	65	62		bc	cis		7	
2									WNW	1	29.32	70	65	62		bc	cis		8	
3									WNW	1	29.33	70	65	62		bc	cis		7	
4									WNW	1	29.31	70	65	62		bc	cis		8	
5									WNW	1	29.34	68	62	60		bx	as		3	
6									WNW	1	29.36	68	62	60		bcf	as		9	
7									WNW	1	29.40	70	62	60		bcf	as		5	
8									NWXW	1	29.42	70	64	62		c	as		8	
9									NNW	1	29.46	72	64	62		bcz	acu		8	
10									NWXN	1	29.47	72	68	66		bcz	as		8	
11									NXW	1	29.47	75	67	65		bc	cum		2	
12									NXW	1	29.48	76	68	66		bcz	cum		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A1-79 A2-77

Minimum 78 76

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 3.7 / On hand 149.0

Fuel. { Received / Expended / On hand

Water. { Distilled / Received / Expended 1408 / On hand 284

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	C.M. Semaphore	C.M. General
2	Cox. Organization	C.M. duty.
3	of gun crews.	C.M. Boats
4	C.M. Ships nom-	under oars.
5	enclature, ships	Cox. Loading
6	routine, organ-	and sight
7	ization, and reg-	setting.
8	ulation.	
9		

P. M.																				
1									NXE	1	29.50	80	68	65		bc	cum		4	
2									NEE	1	29.50	80	67	64		bc	cis		5	
3									NE	1	29.48	76	66	63		bc	cicu		5	
4									NE	1	29.48	71	66	63		bc	cicu		4	
5									NE	1	29.47	71	66	63		bc	cicu		3	
6									NE	1	29.47	71	66	63		bcbcz	cicu		2	
7									NXN	1	29.48	70	66	63		bcz	cicu		2	
8									NXN	1	29.47	70	65	63		bcz	as		4	
9									NXW	1	29.52	70	65	62		bcz	cis		3	
10									NXE	1	29.52	70	66	63		bcz	cis		3	
11									NXE	1	29.52	68	66	63		bcz	cis		4	
12									NXE	1	29.52	68	66	63		bcz	cis		4	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 3 Sept. 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbot in 3 1/4 fathoms of water with 20 fathoms of chain at the waters edge. Boiler "B" steaming for auxiliary purposes.

B A Grieg
Chief Boatswains Mate, USN.

4:00 a.m. to 8:00 a.m.

Carried out morning orders. Liberty party returned ay 8:00 a.m. with no absentees.

B A Grieg
Chief Boatswain's Mate, USN.

8:00 a.m. to Meridian.

Made daily inspection of magazines and S.P. Samples, conditions normal. 8:52 a.m. Yantic got under way and stood out of harbor. 9:00 a.m. held quarters for muster and was followed by drills. 9:06 a.m. Gopher got under way and moored alongside M. Pier. 11:02 Yantic stood in and anchored in previous berth. 11:30 Gopher resumed previous anchorage.

H. J. Pestko
Chief Quartermaster, USN.

Meridian to 4:00 p.m.

Received from Berkhalter Bakery Co. 500 lbs. bread, from Mayer 152 lbs smoked ham, 205 lbs. pork loins, from North Shore Fruit and Produce Co. 300 lbs. onions. 3:00 firedgun salute of 5 rounds at 10 second intervals for war exposition.

H. J. Pestko
Chief QUArtermaster, USN.

4:00 p.m. to 8:00 p.m.

Sent liberty party ashore at 5:00 p.m.

H. J. Pestko
Chief Quartermaster, USN.

8:00 p.m. to Midnight.

9:00 p.m. 10 gun salute fired to War Exposition at 30 sedond intervals. 1st 5 rounds alternating with Gopher. last fired alone.

E K Pikler
Ensign, USNRF-4 ekp.

Approved: L. R. Lutes
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. Halsinger
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Ill. TO ~~4 Sept. 1918~~ 191

L.R. Rutter, Lieut. Comdr. ~~USNRF~~, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NE	1	29.52	68	67	64		bcz	cicu		8	
2									NEXE	1	29.50	68	67	64		bcz	cicu		7	
3									NEXE	2	29.50	67	67	64		bcz	acu		6	
4									NE	2	29.49	67	67	64		bcz	acu		6	
5									NE	2	29.48	71	67	65		oc	n		10	
6									EXN	2	29.48	71	66	64		oc	n		10	
7									EXN	2	29.48	71	66	64		oc	n		10	
8									EXN	2	29.48	70	68	66		oc	n		10	
9									NE	2	29.46	68	56	53		oc	n		10	
10									NE	2	29.42	67	58	53		oc	n		10	
11									NE	2	29.42	68	58	55		oc	n		10	
12									NE	2	29.42	70	60	55		oc	n		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 78 A2 77
Minimum 77 75

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 4.2 / On hand 144.8

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NE	3	29.36	72	62	62		ocr	nim		10	
2									NE	4	29.36	72	64	62		oc	scu		10	
3									NE	4	29.29	68	64	5		oc	scu		10	
4									NE	4	29.28	67	65	60		ocr	nim		10	
5									NNE	4	29.28	66	62	60		oc	scu		10	
6									NNE		29/29	66	62	60		oc	scu		10	
7									NNE	4	29.28	68	61	59		oc	scu		10	
8									NNE	4	29/31	64	60	58		oc	scu		10	
9									NNE	4	29.35	70	62	60		oc	scu		10	
10									NNE	4	29.36	70	62	60		oc	scu		10	
11									NNEN	4	29.35	70	63	61		oc	scu		10	
12									NNE	4	29.36	70	62	60		oc	scu		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 4 Sept. 1918.

REMARKS.

Commences and until 4:00 a.m.
At Chicago in 3 1/4 fathoms of water with 20 fathoms of ~~chain~~ at the waters edge. Boiler "B" steaming for auxiliary purposes.

E.K. Fiddes
Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.
Barometer dropping. Wind shifted to NE and increased in velocity. started to rain last of watch. 5:30 a.m. crew turned to morning orders being carried out. 6:10 a.m. C.E. Yutze S2c, Bruised and cut hand sent to sick bay, and Medical Officer called at once.

E.K. Fiddes
Ensign, USNRF-4 ekp

8:00 a.m. to Meridian.
Ensign, J.E. Flanders, Ensign L.A. Hanley, and Ensign, H.R. Phillips reported aboard for duty from Great Lakes. Steady rain. Lit off No. 2 boiler.

B.A. Griep
Chief Boatswain's Mate, USN

Meridian to 4:00 p.m.

J.C. Yarnell, Sea, USN left ship on 10 day leave of absence, expiring at noon 14 Sept. 1918. Steady rain.

B.A. Griep
Chief Boatswain's Mate, USN.

4:00 p.m. to 8:00 p.m.

Lieut. (jg) G.L. Holsinger left ship on 3 days leave of absence. Received on board 100 lbs. Beef tongue. from Arnold Bros. Liberty party left ship at 5:00 p.m.

B.A. Griep
Chief Boatswain's Mate, USN.

8:00 p.m. to Midnight.

No remarks.

J.F. Krause
Carpenter (T), USN.

Approved: L.R. Lucas
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: H.H. Halsinger
Lieutenant (jg), USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois TO _____, 5 Sept 1918., 191

L.R. Rutter, Lieut. Comdr. USNRF-3, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NNE	4	29.36	70	61	58		oc	scu		10	
2									NNE	4	29.38	70	62	59		oc	scu		10	
3									NNE	4	29.38	68	61	58		oc	scu		8	
4									NNE	3	29.38	68	61	58		bc	as		6	
5									NXE	3	29.39	69	61	58		bc	cu		4	
6									NXE	3	29.42	70	61	58		bc	scu		5	
7									NXE	2	29.45	70	62	59		bc	cicu		5	
8									NNE	2	29.45	71	62	60		bc	cis		6	
9									NNE	2	29.48	70	62	60		bc	acu		8	
10									N	2	29.50	71	62	62		bc	sbu		10	
11									N	2	29.50	70	64	61		bc	acu		8	
12									N	2	29.51	72	63	60		bc	acu		5	
P. M.																				
1									N	2	29.51	72	63	60		bc	acu		6	
2									N	2	29.51	72	62	59		bc	acu		6	
3									NE	2	29.50	71	62	59		bc	acu		5	
4									NE	2	29.49	72	61	58		bc	acu		5	
5									NE	2	29.48	70	63	60		bc	acu		5	
6									NE	2	29.48	70	62	59		bc	acu		5	
7									NEXN	2	29.47	70	62	59		bc	acu		4	
8									NXE	2	29.48	68	62	59		bc	acu		4	
9									NXE	2	29.52	68	64	61		bc	cist		2	
10									NXE	2	29.51	76	62	59		bc	cist		2	
11									NXE	1	29.52	71	62	59		bc	cist		1	
12									NXE	1	29.51	71	62	59		bc	cist		1	

a. m. Latitude	
a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
p. m. Latitude	
p. m. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:

Maximum	A1- 78	A2- 76
Minimum	76	75

Compass	
S. II	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	3.5
Coal. On hand	141.3
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	492
Water. On hand	404

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX

REMARKS.

Commences and until 4:00 a.m.
Anchor in Chicago Harbor in 3 1/4 fathoms ofwater, with 20 fathoms of chain at water edge. Boiler A steaming for auxiliary purposes

J. P. Krause Carpenter (T) USN

4:00 a.m. to 8:00 a.m.
Reveille at 5:00 a.m. .5:30 Turn to carrying out morning orders.
8:00 a.m. Liberty party returned aboard with no absentees.

J. P. Krause Carpenter (T) USN

8:00 a.m. to Meridian
Made daily inspection of magazine and S.P. samples, condition normal. Received ~~from~~ 175 lbs/ Sal. Trout from Chas. W. Triggs Co.
J.F.Meinzer Returned after 6 days furlough.

E. K. Pidcock Ensign. USNRF-4 EKP

Meridian to 4:00 p.m.
Crew engaged in painting gun deck, cleaning out ~~fore~~hold and overhauling oars.

E. K. Pidcock Ensign. USNRF-4 EKP

4:00 p.m. to 8:00 p.m.
Morning work continned.

E. K. Pidcock Ensign, USNRF-4 EKP

8:00 p.m. to Midnight
No remarks.

H. J. Peatross Chief Quartermaster, USN

Approved: L. R. Rucker Lieutenant Commander, USNRF-2 Commanding Officer

Examined: Ed Habenicht Lieutenant (jg) USNR ~~S-V~~ Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM _____ TO 6 September, 1918, 191

Lieutenant Commdr. L.R. Rutter, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air, Dry Bulb.	Temperature. Air, Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Anchored at Chicago Ill.							NXE	1	29.50	72	62	60		bc	as		2	
2		"		"		"		"	NXE	1	29.50	71	61	58		bc	as		5	
3		"		"		"		"	WXN	1	29.50	71	61	58		bc	as		6	
4		"		"		"		"	WXN	1	29.50	71	61	58		bc	as		6	
5		"		"		"		"	SWXW	1	29.48	64	58	55		bc	as		6	
6		"		"		"		"	SWXW	1	29.48	66	58	55		bc	as		6	
7		"		"		"		"	SWXW	1	29.49	68	58	55		bc	as		6	
8		"		"		"		"	SW	1	29.49	68	60	57		bcz	as		6	
9		"		"		"		"	WXS	1	29.52	70	62	59		bcz	as		4	
10		"		"		"		"	W	1	29.52	74	68	65		bcz	as		3	
11		"		"		"		"	W	1	29.52	75	66	63		bcz	as		3	
12		"		"		"		"	W	1	29.52	77	76	73		bcz	a		2	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1-76 A2-74
Minimum 75 73

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 4.4 / On hand 136.8

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received 14.72 / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Evening Drill
Q.M. Blinker
practice from
8:00 p.m. to
9:00 p.m.

P. M.																				
1	Anchored at Chicago, Ill.							W	1	29.49	78	73	71		bcz	acu		2	
2	"	"	"	"				SWXW	1	29.46	77	73	71		bcz	acu		2	
3	"	"	"	"				WXS	1	29.44	77	75	71		bcz	acu		3	
4	"	"	"	"				WNW	1	29.43	78	74	71		bcz	acu		3	
5	"	"	"	"				WNW	1	29.43	75	75	72		bcz	acu		3	
6	"	"	"	"				WSW	1	29.42	75	72	69		bcz	as		2	
7	"	"	"	"				W	1	29.42	74	72	69		bcz	as		1	
8	"	"	"	"				SWW	1	29.44	76	70	67		bcz	as		2	
9	"	"	"	"				SW	1	29.44	78	68	66		bcz	as		2	
10	"	"	"	"				SW	1	29.44	72	68	66		bcz	as		2	
11	"	"	"	"				SW	1	29.44	72	66	64		bcz	as		1	
12	"	"	"	"				SW	1	29.44	74	65	63		bcz	as		2	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 6 September, 1918

REMARKS.

Commences and until 4 a.m.
Anchored at Chicago Harbor in 3 1/2 fathoms of water with starboard anchor 20 fathoms at water's edge. Steam on #1 boiler for Auxiliary purposes.

H. J. Postko
Chief Quartermaster USN

4 a.m. to 8a.m.
At 6:55 Yantic got under way. At 7:20 Yantic moored to Coal Dock and began coaling. Carried out morning orders. Liberty party returned ---no absentees.

H. J. Postko
Chief Quartermaster USN

8 a.m. to Meridian.
Essex underway at 8:34 to take on fresh water. Water on at 10:24. Essex at anchor at previous anchorage at 11:22 with 20 fathoms on starboard anchor chain at water's edge. Made daily inspection of Magazines and S.P. samples. Conditions normal.

B. A. Sweeney
Chief Boatswain's Mate USN

Meridian to 4 p.m.
W.J. Clements, Coxswain USNRF2, returned on board after a 7 days leave of absence, on time. 16 pounds of saluting 3 pdrs. sent to U.S.S. GOPHER. Tested life buoys and magazine flood cocks and found same in good working order. Received of Berhalter Health Food Co., 500 lbs bread
do of Consumer's Ice Co. 10,000 lbs. Ice.
Yunkans and Preston giveneextension of leave until noon 10 Sept. Fired 3 rounds of saluting 3 pdrs. in accordance with order of Commanding Officer.

B. A. Sweeney
Chief Boatswain's Mate USN

4 p.m. to 8 p.m.
Liberty party left ship at 5:00.

B. A. Sweeney
Chief Boatswain's Mate USN

8 p.m. to 12 p.m.
9:00 fired 2 rounds of blank ammunition according to Commanding Officer's orders, for the War Exposition, at 3P second intervals alternating with the Yantic and Gopher.

P. H. Krause
Carpenter (T) USN

Approved: L. R. Lucas
Lieutenant Commader, USNR
Commanding Officer.

Examined: E. A. Helwig Jr.
Lieutenant, USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page ....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO ....., 8 Sept. 1918., 191

L.R. Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WXS	2	29.44	72	64	62		bcz	acu		3	
2									WSW	2	29.43	72	63	61		bcz	acu		3	
3									WSW	2	29.43	72	63	60		bc	acu		2	
4									WSW	2	29.43	72	63	60		bc	cis		4	
5									WXS	2	29.42	70	62	60		bc	nim		8	
6									W	2	29.45	70	62	60		bcz	acu		8	
7									WSW	2	29.44	70	62	60		bcz	acu		8	
8									WSW	2	29.43	68	62	60		bcz	scu		7	
9									SW	1	29.43	68	63	60		bcz	scu		5	
10									SW	1	29.43	66	68	66		bcz	cicu		5	
11									WSW	1	29.43	68	75	72		bcz	cicu		6	
12									SW	1	29.43	68	77	75		bcz	cicu		9	
P. M.																				
1									SWXW	1	29.41	71	74	71		bcz	cicu		7	
2									NW	1	29.41	71	76	73		bcz	cum		9	
3									ENE	1	29.40	70	69	66		bcz	cum		9	
4									ENE	1	29.40	70	69	66		bcz	cu		9	
5									ENE	1	29.40	70	69	66		bcz	cu		9	
6									ENE	1	29.40	70	69	66		bcz	cu		8	
7									SSE	1	29.40	72	68	65		co	acu		10	
8									SSE	1	29.38	72	68	65		co	acu		9	
9									SWS	1	29.43	72	68	65		co	a u		9	
10									WXS	1	29.44	72	68	65		co	acu		9	
11									SXW	1	29.43	72	68	65		co	acu		9	
12									NXE	1	29.43	72	68	65		co	acu		9	

1

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum	A1	75	A2	74
Minimum		74		73

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 3.1 On hand 133.7

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 7 Sept. 1918

REMARKS.

Commences and until 4:00 a.m.

Anchored in CHIcago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain at the waters edge. Boiler "A" steaming for auxiliary purposes.

J.P. Krause Carpenter, (T), USN.

4:00 a.m. to 8:00 a.m.

Reveille a 5:00 a.m. Turn to at 5:30 a.m. Carrying out morning orders. Liberty party returned 8:00 a.m. One absentees, R.O. Anderson, 1Mlc

J.P. Krause Carpenter (T), USN.

8:00 a.m. to Meridian.

Lieut. (jg), G.L. Holsinger, Reported aboard at 8:00 a.m. 8:20 USS Gopher underway. Moored to L. Pier, at 8:32 a.m. 9:30 quarters for Captain's inspection of ship and crew. Made daily inspection of magazines and S.P. samples, conditions normal. 10:25 a.m. R.O. Anderson reported aboard, 2 hrs. 25 min. absent over leave. Held morning drills.

E.K. Sibley Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.

12:30 p.m. J.J. Shannon and B Rademacher reported aboard from leave of absence. Sent one ammunition chest and 16 rounds 3-pdr. saluting charges to USS YANTIC. Received for commissary dept. 55 1/2 lbs. cheeses, 180 lbs butter, 2880 lbs. potatos, 300 lbs. onions, 100 lbs. grapes, 1235 lbs. beef, 100 lbs. luncheon meat, 150 lbs. pork sausage, 212 lbs pork loins, 101 lbs. tongue, 500 lbs. bread, 400 lbs. sweet potatos, 199 lbs. bananas, 180 doz. eggs. 175 lbs. fish, 100 lbs. chipped beef, 127 lbs. beef liver, 100 lbs. frankfurters, 208 lbs. chicken, Received for G.S.K. Dept. 8 boxes salt water soap. 3:45 p.m. fired 3 2 gun salutes for exposition.

E.K. Sibley Ensign, USNRF-4 hrp

4:00 p.m. to 6:00 p.m.

Received motor from USS COMMODORE and sent in exchange one 12-oar cutter. Wheeler, S.L. Oiler, USNRF reported aboard for duty from the USS COMMODORE.

J.E. Flanders Ensign, USNRF-4 jef

6:00 to 8:00 p.m.

All boats excepting motor boat secured for sea. W.A. Henderson, and R Safar left ship for temporary detail on the USS COMMODORE. Boiler B. lit off at 6:40 p.m. Formed steam at 7:57 p.m. 8:00 held general muster.

L.A. Hanley Ensign, USNRF-4 lah

8:00 p.m. to Midnight.

9:00 p.m. fired 2 round salute of 30 second intervals alternating with the USS YANTIC. 9:35 p.m. Boiler "B" cut in. 10:55 p.m. Power boat in cradle and ship secured for sea. Got under way at 11:05 p.m. 11:30 p.m. north breakwater light abeam. course 23° psc. Put out Patent log at 11:35 reading 0. 11:43 p.m. changed course to 13° psc. Harrison Carter Crib light abeam. PLR .9

E.K. Sibley Ensign, USNRF-4 ekp.

Approved: L.R. Linen Lieutenant Commander, USNRF-2 Commanding Officer.

Examined: G.L. Holsinger Lieutenant (jg), USNRF-1 U. S. N. Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois TO Detroit, Mich., 8 Sept 1918 1918

L.R.Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	7	8	11	1	73	8	877480	13.3	NXE	1	29.42	69	65	62		co	as		7	
2	7	1	18	2	67	3	881930	13.3	NXE	2	29.42	68	65	62		co	as		6	
3	7	8	26		73	4	886336	13.3	NEXE	2	29.42	67	65	62		bcz	as		2	
4	7	8	33	8	73	5	890702	13.3	NEXE	2	29.42	66	65	62		bcz	as		2	
5	7	6	41	4	73	3	895152	13.3	NEXE	2	29.42	66	64	62		bcz	as		3	
6	8		449	8	79	7	899935	13.3	ENE	2	29.44	68	64	62		bcz	as		3	
7	8	6	58	4	80	7	904775	13.3	ENE	2	29.52	72	64	62		bcz	cis		5	
8	8	6	67		81	7	909680	13.3	ENE	2	29.52	72	65	63		bcz	cis		5	
9	8	8	75	8	80		914480	13.3	ENE	2	29.52	72	70	67		bcz	cis		5	
10	8	6	84	4	80		919280	13.3	ENE	2	29.52	72	70	67		bcz	cis		5	
11	8	3	92	7	80		924080	13.3	E	2	29.52	72	72	69		bcz	cis		5	
12	8	5	101	2	80		928880	13.3	SE	2	29.52	73	71	68		bcz	cis		4	

Latitude (a. m.) –

Longitude (a. m.) –

Noon. Latitude 43° 36' 30" N

Noon. Longitude 86° 51' W

Latitude (p. m.) –

Longitude (p. m.) –

Current: Set –

Current: Drift –

MAGAZINE TEMPERATURES:

Maximum A-1 76 A-2 74

Minimum 75 73

Compass –

S. H –

Error –

Variation –

Deviation –

Coal. Received –

Coal. Expended 25.2

Coal. On hand 108.5

Fuel oil. Received –

Fuel oil. Expended –

Fuel oil. On hand –

Water. Distilled –

Water. Received 3136

Water. Expended 288

Water. On hand 3136

DRILLS, AND EXERCISES.

Division.	Morning.	Afternoon.
1	9:24 Fire drill	
2	9:30 Collision	
3	drill	
4	9:37 Abandon	
5	ship	
6	9:47 Collision	
7	drill	
8		
9		

P. M.																				
1	8	5	9	7	77	9	933554	13.3	SE	2	29.62	78	71	68		bc	acu		3	
2	9		18	7	82		938482	13.3	S	2	29.62	74	73	70		bc	acu		2	
3	8	5	27	2	77	8	943154	5	SSW	2	29.61	75	70	67		bc	acu		1	
4	9		36	2	77	5	947408	5	SW	2	29.60	76	69	66		bc	as		1	
5	9	2	45	4	83	3	952805	10	SW	2	29.60	76	70	70		bc	cis		1	
6	9	3	54	7	86	2	957980	10	SSW	2	29.60	76	73	65		bc	cis		1	
7	9	9	64	6	83	2	962918	10	SSW	1	29.60	75	68	63		bcz	cis		1	
8	8		372	9	83	5	968028	10	ESE	2	29.60	74	68	63		bcz	cis		1	
9	8	1	81		80	2	972490	33	E	1	29.60	73	66	63		bcz	cis		1	
10	8	9	89	9	80	5	977320	33	SEXE	2	29.60	73	64	61		bcz	cis		1	
11	8	7	98	6	81		982180	varies	E	2	29.60	73	63	60		bcz	cis		1	
12	8	8	7	4	80	4	987005	do	E	1	29.60	83	63	60		bcz	cis		1	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 8 Sept. 1918

REMARKS.

Commences and until 4:00 a.m.
Steaming on course 13°30' psc at standard speed making passage from Chicago to Detroit. 12:30 Gross Pt. light abeam, distance 8.5 miles PLR 7.7. Average Rev. for watch 71.6, Average steam 143.7, Miles made good 40.6. Light SE breeze. Barometer steady.

L. C. Crane Jr.
Ensign USNRF-4 hrp

4:00 a.m. to 8:00 a.m.
Steaming on course 13°30' at standard speed of 78.4 R.P.M. 6:30 a.m. Aneroid barometer was broken, new barometer reading .13 inches higher. Average steam for watch 164. Distance made good 47.8.

J. E. Flanders
Ensign USNRF-4 jef

8:00 a.m. to Meridian
Steaming on course 13°30' psc average speed 8.55 knots. Average revolution 80, average steam pressure 162# Distance made good 41.04. Sighted Little Sable light at 11:50

L. A. Hartley
Ensign USNRF-4 lah

Meridian to 4:00 p.m.
Steaming on course 13°30' psc. 1:25 Little Sable Light abeam, 8.3 miles. PLR 113.3. 2:25 Sighted Big Sable Light. 3:00 Change course to 5° PLR 127.2 3:42 Big Sable bore 45° PLR 135. 2.46 miles off. Average rev. 79. average SP 148. Miles made good 42.

E. K. Fiske
Ensign USNRF-4 ekp

4:00 p.m. to 6:00 p.m.
Steaming on course 5° psc. 4:05 p.m. Big Sable pt. light abeam Distance 2.2 miles. PLR 136.9 Changed course to 10° psc. Miles made good 22.2 RPM 84.75. Steam 170 lbs. Light SW breezes. Barometer steady.

L. C. Crane Jr.
Ensign, USNRF-4 hrp

6:00 p.m. to 8:00 p.m.
Steaming on course 10° psc at standard speed 83 rpm. miles made good 21.84. Average RPM 83.35, steam 175 lbs.

J. E. Flanders
Ensign, USNRF-4 jef

8:00 p.m. to midnight.
Course 10° psc. changed course at 8:18 p.m. to 25° psc. Changed course at 8:41 a.m. to 30° psc. Bow and beam bearing on Point Betsie light 2.88 miles distant when abeam. Bow and beam bearing on sleepint bear, distance 1.08 miles when abeam. Changed course to 45° psc at 10:15 p.m. Changed course to 47° psc. at 10:55 p.m. Changed course to 50° psc at 11:00 p.m. Changed course to 38° psc at 11:13 p.m. CHanged course to 37° psc at 11:40 p.m. Average RPM 80.5, steam 175 lbs. Miles made good 41.40 .

L. A. Hartley
Ensign, USNRF-4

Approved: L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: E. Halsey
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO Detroit Michigan., 9 Sept. 1918 191

L.R.Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	9	16	3	82		991820	37	E	1	29.60	74	63	60		bcz	cis		1	
2	9	3	25	6	86		997075	37	E	1	29.60	73	63	60		bcz	cis		2	
3	9	4	35		86		002235	37	E	1	29.60	73	62	60		bcz	cis		2	
4	9	1	44	1	86		007395	37	E	1	29.60	73	62	60		bcz	cis		2	
5	9	3	53	4	85		012495	5	SE	1	29.60	73	64	61		bcz	cis		3	
6	9		62	4	85		017595	94	S	2	29.58	70	65	62		bcz	acu		5	
7	9	1	71	5	85		022695	94	S	2	29.56	72	65	62		bcz	acu		5	
8	8	9	80	4	85		027795	125	SXE	2	29.51	70	66	63		bcz	acu		5	
9	8	8	89	2	85		032895	125	SW	2	29.50	70	70	67		bc	acu		8	
10	9		98	2	85		037995	123	SW	2	29.50	71	74	71		bc	acu		8	
11	9		7	3	85		043095	123	SSW	2	29.50	72	86	83		bc	cicu		7	
12	9	1	16	2	85		048195	123	SW	2	29.50	78	78	75		bcz	cis		7	
P. M.																				
1	9		25	3	85		053295	123	WXN	2	29.50	75	78	75		bcz	cu		8	
2	9	2	34	5	85		058295	123	NW	2	29.51	71	71	68		bcz	as		9	
3	9	2	43	7	85		063495	158	NW	2	29.51	73	71	68		bcz	as		9	
4	9	1	52	8	85		068595	158	SWXS	2	29.54	74	70	67		ocz	nim		10	
5	8	9	61	7	85		073695	175	WNW	2	29.57	74	70	68		ocz	nim		10	
6	9	1	70	8	85		078195	175	WNW	3	29.60	74	66	64		ocz	nim		10	
7	9	4	80	2	85		083595	175	NW	4	29.60	74	63	61		ocz	nim		10	
8	9	5	89	5	85		088995	180	NWXN	4	29.61	75	60	58		ocz	nim		10	
9	9	4	98	9	85		094095	175	NWN	4	29.62	73	60	58		ocz	nim		10	
10	9	4	8	3	85		099195	175	NNW	4	29.62	73	60	58		ocz	nim		10	
11	9	3	17	6	85		104295	165	NNW	3	29.62	73	58	56		ocz	nim		10	
12	9	2	26	8	85		109395	160	NNW	3	29.60	72	58	56		ocz	nim		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum A-1 76 A-2 74
Minimum 75 73

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 39.0 / On hand 69.6

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended 484 / On hand 3232

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Essex ..... 9 Sept. 1918.

REMARKS.

Commences and until 4:00 a.m.
Steaming course 37° psc. Grand Traverse Light sighted at 12:10 p.m. Beaver Island light abeam at 1:26 a.m. Distance 7.8 miles. PLR 220.2 k. Beaver Island light abeam 3:06 a.m. 10.6 miles distance when abeam. PLR 235.9 k. Charlevoix light 2 pt abaft beam 3.15 a.m. Isla Aux Galet sighted 1 pt. off starboard bow at 3:17 a.m. Average for watch S.P. 180 lbs. RPM 85 Miles made good 44.04. White Shoal light sighted 2 pts. off port bow 3:52 a.m.

E K Fidelus
Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.
Steaming on couse 37° psc. varrying courses. 4:40 abeam Aux Galet 5:15 Grays light reef abeam 5:40 abeam Black gas B No.5 PLR 59.4. 6:00 abeam Black gas b. No. 1. 6:52 abeam St. Helena light PLR 270. 7:28 abeam O Old Macinac pt. light PLR 275. 7:28. changed course to 125° psc. Same sighted Cheboygan light 7:40 a.m., RPM 85 steam 177.5 Miles made good 47.16 Crew turned to 5:30 a.m. carrying out morning orders.

L. E. Crane Jr.
Ensign, USRF-4 hrp

8:00 a.m. to Meridian.
Steaming on course 125 psc. 9:02 changed course to 95 psc. PLR 289.6 9:27 Poe Reef light ship abeam PLR 289.3 9:30 sighted USS Hawk. USS Hawk passed abeam at 10:15 a.m. 9:47 a.m. changed course to 123o psc. PLR 296.3 Made daily inspection of magazines and S.P. Samples conditions normal. Crew engaged in carrying out morning orders. 11:50 sighted Forty Mile pt. light RPM 85. steam 171 lbs. Miles made good 43.8

J. E. Flanders
Ensign, USNRF-4 jef.

Meridian to 4:00 p.m.
On course 123° psc. PLR 316.3. Beam and quarter bearing on 40 mile pt. light, abeam at 11:55 a.m. distance 4.56 miles. PLR 315.4 k. Bow and beam bearing on Presque Isle light abeam at 2:14 a.m. distance 3.42 changed course at 2:14 a.m. to 158 psc. PLR 236.5. Bow and beam bearing on M Middle Island . abeam at 3:40 p.m. 3:40 light drizzling rain. Miles made good 43.8

L. A. Stanley
Ensign, USNRF-4 lah

4:00 p.m. to 6:00 p.m.
Passed Thunder Bay light abeam 4:39 p.m. 3.6 miles distance. PLR 358.6 Changed course to 175° psc. when Thunder Bay light bore 270o psc. at 4:47 p.m. PLR 359.6 k. Wind changed to W. N.W. steam 177.6 RPM 85. Miles made good 21.6

E K Fidelus
Ensign, USNRF-4 ekp

6:00 p.m. to 8:00 p.m.
On course 175° psc. PLR 370.8 RPM 85. steam 178.5 Miles made good 22.44. Fresh N.W. winds. Rain. Barometer rising.

L. E. Crane Jr.
Ensign, USNRF-4 hrp

8:00 p.m. to Midnight.
On course 175° psc. Pt. Aux Barque light sighted at 8:45 p.m. Port Austin reef buoy sighted at 10:00 p.m. 10:32 p.m. changed course to 170 psc. PLR 413.5 k. 10:38 changed course to 165° psc. PLR 414.2 k. 10:41 p.m. 26 1/2 bearing taken on Pt Aux Barque light plr 414.7 11:00 p.m. 45 bearing taken on same light PLR 417.6 distance when abeam 3.48 miles. 11:42 changed course to 160o psc. PLR 424.2 Average speed for watch 11.2 mi miles per hour. RPM 85. steam 180 lbs. Miles made good 44.8.

J. E. Flanders
Ensign, USNRF-4 jef

Approved:
L. R. Rines
Lieutenan Commander, USNRF-2
Commanding Officer.

Examined:
E. Holsinger
Lieutenant (jg), USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois, TO Detroit Michigan 10 Sept 1918 191

L.R.Rutter, Lieut2Comdr. USNRF-2., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	9		35	8	85		114495	170	NNW	3	29.80	74	54	51		ocz	NIm		9	
2	9		44	8	85		119595	180	NNW	3	29.86	74	54	51		ocz	scu		9	
3	9		53	8	82		124515	180	NNW	3	29.90	74	53	50		ocz	scu		9	
4	9	1	62	8	82		129435	180	NE	3	29.90	74	53	50		bcz	scu		8	
5	9		71	8	82		134355	186	NE	3	29.92	74	52	49		bc	scu		8	
6	8	8	80	6	82		139275		N	3	29.92	74	53	50		bc	scu		7	
7					82		144195		N	3	29.95	72	53	50		bc	scu		7	
8					82		149115		NE	3	29.96	72	55	52		bc	scu		7	
9					82	4	154060		NXE	3	29.98	66	56	53		bc	scu		5	
10					77	1	158690		NNE	3	30.00	68	60	57		bc	scu		5	
11					82	5	163640		NWXN	3	30.00	70	60	57		bc	as		4	
12					75	6	168778		NNE	2	30.00	70				bc	as		4	

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A-1 75 A-2 74

Minimum 74 73

Compass

S. H

Error

Variation

Deviation

Coal. { Received 142.8. / Expended 37.9 / On hand 174.4

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received ~~384~~ / Expended 384 / On hand 2688

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NE	1	30000	70	59	55		bcz	cis		2	
2									NE	1	30.00	73	62	59		bcz	cis		3	
3									NE	4	30.00	72	57	54		bcz	cis		3	
4									NE	3	30.00	75	58	55		bcz	cis		3	
5									NE	2	30.00	74	67	64		bcz	cis		3	
6									NE	2	30.00	74	68	65		bcz	cis		5	
7									NE	1	30.00	73	56	53		bcz	cis		3	
8									NNE	1	29.95	74	54	51		bcz	cis		3	
9									NE	1	29.95	74	53	50		bcz	cis		4	
10									NE	1	29.93	74	52	49		bcz	cis		4	
11									NE	1	29.92	74	52	49		bcz	cis		4	
12									NE	1	29.90	74	52	49		bcz	cis		4	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 10 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
Steaming on course 160°, PLR, 426.8. Bow and beam bearing on Harbor of Refuge, distance 1.2 miles. Steaming various courses from 160° to 180°. Bow and Beam bearing on Port Sanilac, distance 4.68 miles. AR 83 1/2 for watch. ASP 162.5 for watch. Distance made good 43.32 miles.

L. A. VanEry Ensign USNRF-4 lah

4:00 a.m. to 8:00a/m.
Steaming on course156° .PLR 462.9/ Course changed to 186° PLR 469.9 at 4:30 a.m. 4:32 Sighted Chas. Price Wreck, 3 Pt. Starboard Bow. 4:35 Sighted Huran Lt. Vessel 1 Pt. St. bow. 4:37 Sighted FortGratiot Lt. 2 pt. St. Bow. 5:17 Chas. Price ~~xxxxxxx~~light abeam 2.5 miles distance. 6:01 Huron Vessel abeam. PL taken in reading 481. 6:14 Fort Gratiot abeam. Entered St. Clair River. ARP 82for watch. ASP 180 for watch.

E. K. Pelcher Ensign, USNRF-4 ekp

8:00 a.m. to Meridian
Staaming various courses down St. Clair River. 9:25 Entered Lake ST. Clair. 11:00 Entered Detroit River. 12:05 Anchored off coal dock ARP 79.4 ASP 166. Made daily inspection of magazine and S.P.samples- condition normal.

L. C. Crone Jr.
Ensign, USNRF-4 hrp

Meridian to 4:00 p.m.
1:03 Anchor up andunderway for coal dock. 1:21 Tied up alongside coal dock. 2:10 Finished coaling. Draft before 13'2" forward, 15'6" aft. Draft after coaling forward 14'5" aft. 16'2". Total amount of coal taken on board 160 tons, from the Pittsburg Coal Co. 2:10 Cast off and underway from coal dock. 3:00 Anchored in Detroit River in 4 3/4 fathoms of water. with 35 fathoms of chain at water edge. Crew engaged in general field day.

J. E. Flanders Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
General field day continued.4:05. F.W. Yunkans reported on board after 10 days leave. W.G.Preston returned after 9 days leave. H.H.Edwards Gunner Mates School, sent to U.S.S. Marine Hospitalfro diagneses mumps.

L. A. VanEry Ensign, USNRF-4 lah

6:00 p.m. to 8:00 p.m.
Crew engaged in field work.

E. K. Pelcher Ensign, USNRF-4 ekp

8:00 p.m. to Midnight
Light N.E. airs. Barometer steady.

L. C. Crone Jr. Ensign, USNRF-4 hrp

Approved: L. R. Lucas
Lieutenant Commander, USNRF-2
Commanding Officer

Examined: E. Kalbfus Jr.
Lieutenant (jg), USNRF-1 U.S.N. Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit, Michigan. TO ✠ . 11 Sept 1918 191

L.R.Rutter, Lieut. Comdr. USNRF-2 *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									N	1	29.85	72	50	47		bcz	s		2	
2									E	1	29.82	72	53	50		bcz	s		1	
3									E	1	29.78	72	54	51		bcz	s		1	
4									E	1	29.77	72	54	51		bcz	ac		1	
5									ENE.	1	29.74	71	54	51		bcz	as		7	
6									ENE.	1	29.72	70	56	53		bcz	as		8	
7									NE.	1	29.70	70	57	54		ocz	as		10	
8									SE	1	29.65	70	60	58		ocz	nim		10	
9									SE	1	29.64	70	63	61		ocz	nim		10	
10									SE	1	29.63	70	62	60		ocz	nim		10	
11									S	1	29.57	68	60	58		ocz	nim		10	
12									S	1	29.57	68	65	62		ocz	nim		10	
P. M.																				
1									N	1	29.53	68	65	62		ocz	nim		10	
2									N	1	29.50	68	64	61		ocz	nim		10	
3									SW	1	29.45	72	65	62		ocz	nim		10	
4									SW	1	29.42	74	64	61		ocz	nim		10	
5									SW	1	29.42	74	64	61		ocz	nim		10	
6									SW	1	29.40	74	68	66		ocz	nim		10	
7									SW	1	29.39	74	64	61		ocz	nim		10	
8									S	1	29.36	70	64	61		ocz	nim		10	
9									S	1	29.36	71	64	61		ocz	scu		10	
10									S	1	29.35	70	64	61		oc	scu		10	
11									S	1	29.34	72	64	61		ocz	nim		10	
12									ESE	1	29.32	72	64	61		ocz	scu		10	

a. m. Latitude _____
Longitude _____

Noon. Latitude _____
Longitude _____

p. m. Latitude _____
Longitude _____

Current: Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum	A-1	75	A-2	74
Minimum		74		73

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Cond.: Received _____ Expended _____ On hand _____

Fuel oil.: Received _____ Expended 5.7 On hand 168.8

Water.: Distilled _____ Received _____ Expended 484 On hand 2204

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 11 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Detroit River in 3 3/4 fathoms of water and 35 fathoms of chain at water edge. Both boilers steaming for auxiliary purposes. Barometer Flunctuating.

J. E. Flanders Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
All hands paint ship.

L. A. Hanley Ensign, USNRF-4 lah

8:00 a.m. to Meridian.
Supplies received from Wagner Baking Co. 1000 lbs Bread, General Ice Co. 2000 lbs of Ice. Reynolds Co. 100 lbs potatoes. Barometer falling. Drizzling rain during watch interfering with painting ship.

E. K. Pickett Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
Painted gun deck. Rain during watch. Light S. breezes. Barometer falling.

H. R. Crowley Ensign, USNRF-4 hrp

4:00 p.m. to 8:00 p.m.
Liberty shoved off at 7:00 p.m. Shower during watch. Light SW breezes.

J. E. Flanders. Ensign, USNRF-4 jef

8:00 p.m. to Midnight.
Liberty party returned at 12:00 midnight. No absentees Passing showers of rain. Barometer falling.

J. H. Krause Carpenter (T) USN

Approved: L. R. Rueter
Lieutenant Commander USNRF-2
Commanding Officer

Examined: G. A. Hobbing
Lieutenant (jg) USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit, Mich. TO _____, 12 Sept. 1918, 191

L.R.Rutter, Lieut. Comdr. USNRF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSE	2	29.31	75	64	62		ocl	as		10	
2									SW	2	29.30	75	64	62		oc	as		10	
3									SW	2	29.30	75	64	62		ocr	nim		10	
4									SW	2	29.27	73	64	62		ocr	nim		10	
5									SSW	2	29.25	72	63	61		ocr	nim		10	
6									SSW	2	29.25	74	63	61		ocr	nim		10	
7									SSW	2	29.25	73	62	60		ocr	nim		10	
8									SSW	2	29.25	73	62	60		ocr	nim		10	
9									SSW	2	29.29	75	60	57		ocr	nim		10	
10									N	2	29.29	75	62	59		ocr	nim		9	
11									NW	1	29.29	74	62	59		bcz	acu		9	
12									NW	1	29.29	74	62	59		bcz	acu		9	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A-1 75 A-2 73
Minimum 73 72

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 3.4 / On hand 165.4

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended 284 / On hand 1920

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NW	1	29.25	74	64	61		bcz	acu		9	
2									NW		29.25	75	64	61		bcz	acu		9	
3									E		29.23	74	62	59		bcz	nim		10	
4									E		29.24	74	56	54		bcz	nim		10	
5									E	1	29.24	74	56	54		ocr	nim		10	
6									E	1	29.27	74	56	53		ocr	nim		10	
7									E	1	29.27	74	56	53		ocr	nim		10	
8									E	1	29.30	73	57	55		ocr	nim		10	
9									W	1	29.30	71	57	54		ocr	nim		10	
10									W	1	29.30	71	57	54		ocr	nim		10	
11									WSW	1	29.30	74	57	54		ocr	nim		10	
12									WSW	1	29.30	74	57	54		ocr	nim		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 12 Sept. 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Detroit River in 4 3/4 fathoms of water with 35 fathoms of chain at water edge. Both boilers steaming for auxillary purposes. Showers during watch. SW airs. Barometer steady.

J. E. Flanders Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
Liberty party returned and checked in with no absentees. Showers during watch. SW airs. Barometer steady.

J. E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian
Paint ship. H.H. Frese S2c shiped to the Marine Hospital at Detroit Mich. Diagnesis Mumps.

L. A. Hanley Ensign, USNRF-4 lah

Meridian to 4:00 p.m.
I roll of screening from Gugg hardware brought aboard. 3:05 heavy rain. Crew painting.

E. R. Fiddler Ensign, USNRF-4 ekp

4:00 p.m. to 8:00 p.m.
C.Church Y2c left on 10 days furlough to return noon Sept. 22nd. Liberty party shoved off. Rain. Barometer steady.

C. C. Church Jr. Ensign, USNRF-4 hrp

6:00 p.m. to 8:00 p.m.
Liberty party shoved off at 7:00 boat. Rain at intervals. Barometer rising.

C. C. Church Jr. Ensign, USNRF-4 hrp

8:00 p.m. to Midnight.
Liberty party returned.

L. A. Hanley Ensign USNRF-4 lah

Approved: L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer

Examined: E. K. Holmes
Lieutenant (jg) USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit, Mich. TO _____, 13 Sept 1918, 191

L.R.Rutter, Lieut. Comdr, USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WSW	1	29.33	74	56	54		or	nim		10	
2									WXB	1	29.33	74	56	54		or	nim		10	
3									WXB	1	29.33	74	56	54		or	nim		10	
4									WXN	1	29.33	74	56	54		bcz	nim		10	
5									W	2	29.35	74	52	50		bc	s		10	
6									WSW	2	29.39	73	52	50		ocf	as		8	
7									WSW	2	29.41	73	53	51		bcf	as		6	
8									WSW	2	29.40	73	54	52		bcf	as		8	
9									WSW	2	29.49	74	56	53		bcf	as		8	
10									WXS	2	29.43	72	56	53		ocz	ac		8	
11									WXS	2	29.43	72	58	55		ocz	ac		8	
12									WXS	2	29.44	72	60	57		bcz	ac		9	

Sa. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

8 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum A-1 78 A-2 76

Minimum 76 75

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. { Received _____ Expended 5.8 On hand 161.4

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended 320 On hand 1600

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									WXS	2	29.43	72	61	58		bcz	acu		9	
2									SXW	2	29.42	70	64	61		bcz	acu		8	
3									SXW	2	29.40	70	64	61		bcz	acu		8	
4									SXW	2	29.40	70	65	62		bcz	acu		7	
5									SXW	2	29.42	71	67	64		bcz	cicu		2	
6									SXW	2	29.42	71	68	65		bcz	ci		1	
7									SXW	2	29.43	73	64	61		bcz	cis		2	
8									SXW	2	29.45	73	64	61		bcz	cicu		2	
9									WSW	1	29.47	73	62	59		ccz	cicu		2	
10									WSW	1	29.47	73	62	59		ccz	cicu		2	
11									WSW	1	29.47	73	60	57		ccz	cis		1	
12									WSW	1	29.47	73	60	57		ccz	cis		9	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... U.S.S. ESSEX ..... 13 September, 1918.

REMARKS.

Commences to 4 a.m.

At anchor in Detroit River at Detroit in 4 3/4 fathoms of water, 35 fathoms on Starboard anchor chain at water's edge. Both boilers steaming.

E. K. Fiedler Ensign USNRF-4 ekp

4 a.m. to 8 a.m.

Crew turned to at 6 o'clock, carried out morning orders. Barometer steady. At 7:15 Admiral Benson USN and wife, accompanied by Commander Carter USN, Chief of Staff, and Lieutenant Commander de Otte, U.S. Coast Guard, arrived aboard. At 7:48 Lieutenant Commander Mc Clurg, USNRF-1, came aboard. 8 a.m. liberty party returned; one absentee, J.W. Shoemaker, MM2c, USNRF-4.

H. C. Crum Ensign USNRF-4 hrp

8 a.m. to Meridian.

8 a.m. made daily inspection of magazines and S.P. samples. At 9:05 Admiral Benson and wife accompanied by his staff and Captain Rutter left on inspection tour. At 9:18 Shoemaker, J.W., MM2c, USNRF-4 reported on board from liberty. One hour and eighteen minutes over leave. At 9:18 Anderson, M.P., S2c USN, was transferred to the Marine Hospital at Detroit. Diagnosis,--- mumps. At 10:50 five boxes of frozen chicken from Swift and Co. were received, inspected by Medical Officer, found unsatisfactory and returned.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4 p.m.

Received from Swift and Co., beef and butter.

13 sacks of potatoes.

4 p.m. to 6 p.m.

No remarks.

E. K. Fiedler Ensign USNRF-4 ekp

6 p.m. to 8 p.m.

No remarks.

J. E. Flanders Ensign USNRF-4 jef

8 p.m. to 12 mid.

Admiral Benson and wife, Commander Carter, Chief of Staff, came aboard at 9:35 p.m.

Barge alongside deck awaiting mail.

L. A. Hanley Ensign USNRF-4 lah

Approved: L. R. Rutter
Lieutenant Commander, USNR
Commanding Officer

Examined: G. K. Hebenig
Lieutenant USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ..... U.S.S. .....

AT OR EN ROUTE FROM Detroit, Michigan. TO Lime Island Mich., 14 Sept 1918. 191

L.R.Rutter, LIEUT. Comdr., USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WSW	1	29.48	74	59	56		ccz	cis		8	
2									SW	1	29.50	75	59	56		ccz	cis		8	
3									SW	1	29.50	75	59	56		ccz	cis		8	
4									W	1	29.49	74	56	53		ccz	cis		9	
5									W	1	29.50	74	55	53		bcz	cis		7	
6					83	5	174603	Various	E	1	29.50	74	55	52		bcf	cis		6	
7					82	4	179550	do	E	1	29.50	74	58	55		bcf	cis		6	
8					79		184230	do	E	1	29.50	74	60	57		bcf	cis		6	
9					70		188224	do	SW	1	29.50	73	66	63		bcf	cis		4	
10					72	1	192550	do	SW	1	29.50	72	66	63		bcz	cis		4	
11					73		196920	do	W	1	29.50	72	63	60		bcz	cis		7	
12					76		201470	do	NW	1	29.50	73	65	62		bcz	cis		7	

S. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

P. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum A-1 74 A-2 72

Minimum 73 71

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 12 On hand 149.5

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 362 On hand 1238

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1					75	3		352	NNE	1	29.47	74	68	65		baz	ci		3	
2			2	5	80	6	210830	352	NNE	1	29.45	74	70	67		baz	cicu		5	
3	9	2	11	7	89	3	216192	352	NNE	1	29.43	75	71	68		baz	cis		3	
4	9	6	21	3	93	6	221812	352	NE	1	29.42	74	72	69		baz	cis		3	
5	8	9	30	2	86	5	227004	352	SE	1	29.42	76	69	67		or	nim		10	
6	9	3	39	5	94	1	232365	352	SXW	1	29.43	78	69	67		ocz	scu		10	
7	9	3	48	8	87	2	236000	352	WXN	1	29.43	76	63	61		ocz	as		10	
8	9	4	58	2	90		243000	342	WXN	1	29.43	79	62	60		ocz	as		10	
9	9	6	67	8	90		248400	340	SW	1	29.42	78	62	60		ocz	as		10	
10	9	5	77	3	95		254100	340	WSW	1	29.40	78	62	60		ocz	as		10	
11	9	9	87	2	95		259800	340	NXW	1	29.39	78	62	60		ocz	as		10	
12	9	7	96	9	96	5	265590	340	NXW	1	29.37	78	60	58		ocz	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP .....

REMARKS.

Commences to 4 a.m.

At anchor at Detroit in Detroit River in 4 3/4 fathoms, Starboard chain, 35 fathoms at water's edge. Both boilers for auxiliary purposes.

E. K. Ekker
Ensign USNRF-4 ekp

4 a.m. to 8 a.m.

Made preparation to get underway. At 5:15 S.P. 623 reported alongside as a running boat. 5:16 anchor away. 5:17 underway. 5:47 Belle Isle light abeam. Carried out morning orders. Average number of revolutions for watch 81:3. Average steam pressure 162:5 pounds. Coal used 75 buckets.

J. E. Flanders
Ensign USNRF-4 jef

8 a.m. to Meridian.

Steaming various courses. Commander Carter and Lieutenant Commander Mc Clurg shoved off on S.P. 623 at 8:07. Returned aboard at 9:40.a.m. Message at 10:35 a.m. "Meet U.S.S. MAGNA at Port Huron." Average steam pressure 160 pounds. Average revolutions 72:8.

L. A. Stanley
Ensign USNRF-4 lah

Meridian to 4 p.m.

Fort Gratiot light abeam. PL 2. Entered Lake Huron. Huron light vessel abeam 2:58 p.m. P.L. 2 3/8.. Course N 1/4 W Course changed to 352° at 2 p.m. Miles made good 22:8. S.P. for watch 171.2.R.P.M. for watch 84.7 10:33 met U.S.S. NIAGARA S.P. 246 at Port Huron. P.L. 22.8.

E. K. Ekker
Ensign USNRF-4 ekp

4 p.m. to 6 p.m.

Steaming on course 352°, psc. 4:14 took 45° bearing on Port Sanlac light. PLR 23.4. 4:41 took beam bearing on Port Sanlac light. PLR 25:6. Port Sanlac light 2.64 miles abeam. ASP 173 pounds. RPM 90.3 Distance made good 21.94 miles.

J. E. Flanders
Ensign USNRF-4 jef

6 p.m. to 8 p.m.

Steaming on course 352°. psc. Beam bearing on Harbor of Refuge light at 7:10 p.m. Distance 3.6 miles. PLR 50.1. Changed to 342° psc. RPM average 89 1/2. Average steam per minute 176. miles made good 22.44.

L. A. Stanley
Ensign USNRF-4 lah

8 p.m. to Midnight.

Steering course 342°. Sighted Port Austin Reef light 8.25 p.m. on port bow. Point Aux Barques abeam 8.04 miles. PLR 62.5. 8:27 p.m. changed course to 340° psc. ASP 172.5. RPM average 94.1. miles made good 46.44.

E. K. Ekker
Ensign USNRF-4 ekp

Approved:
L. R. Lurtin
Lieutenant Commander, USNR
Commanding Officer

Examined:
G. Kalenius
Lieutenant, USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit Mich. TO Chicago Ill., 15 Sept 1918, 191

L.R.Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	9	6	6	5	89	9	270923	340	NXE	2	29.36	77	60	57		bc	as		6	
2	9	3	15	8	91	3	276410	340	NXE	2	29.34	78	60	57		bco	as		8	
3	9	8	25	6	96	1	282176	334	NXE	2	29.30	78	60	57		bc	nim		8	
4	10		35	6	97		288030	334	NXE	2	29.30	76	61	58		bc	nim		9	
5	9	5	45	1	90	5	293437	327	NXE	1	29.27	76	60	57		obz	nim		10	
6	9	4	54	5	89	1	298778	327	SW	1	29.30	76	59	56		ocz	nim		10	
7	9	6	64	1	91	2	304284	327	WSW	1	29.22	76	58	55		ocz	nim		10	
8	9	7	73	8	91	1	309722	327	WSW	1	29.20	76	56	53		ocz	acu		10	
9	9		82	8	91	5	315212	310	WXS	1	29.20	76	56	53		ocz	acu		8	
10					91	5	320702	var.	SW	2	29.15	75	58	55		bc	acu		8	
11					80	8	323128		SW	1	29.15	75	58	55		bcz	acu		7	
12									WXS	1	29.22	75	64	61		bc	acu		7	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A-1 73 A-2 72
Minimum 72 71

Compass
S. II
Error
Variation
Deviation

Cool. { Received / Expended 36 / On hand 114.1

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received 2026 / Expended / On hand 3264

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1										2	29.15	75	62	59		bcz	acu		7	
2										2	29.14	76	62	59		bcz	acu		7	
3									NWXW	4	29.15	75	64	61		bc	acu		8	
4									NWXW	4	29.20	76	60	57		bc	cu		5	
5									NWXW	4	29.21	76	60	57		bc	cu		5	
6									NW	4	29.25	74	56	53		bc	acu		2	
7									NW	2	29.27	75	53	50		bc	acu		3	
8									NW	2	29.30	76	55	52		bc	acu		3	
9					59	9	327190		NW	2	29.30	76	56	53		bc	acu		3	
10	3		3		75	5	331720	260	NW	3	29.32	76	52	49		bc	acu		3	
11	8		11		80		336520	265	WXN	3	29.35	76	51	48		bc	acu		3	
12	8	2	19	2	80		341220	267	WXN	3	29.25	73	52	49		bc	acu		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 15 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
Steaming on course 340°psc at standard speed. 12:55 Passed USS Hawk on Starboard bow. 2:36 took 45° bearing on Thunder bay Lt. PLR 121.6. 2:51 Took beam bearing on Thunder Bay Lt. PLR 124, Thunder Bay Lt. 2.9 miles Changed course to 334° psc. 3:35 Took 45°bearing on Middle Island Lt. PLR 131.3. 3:44 Took beam bearing on Middle Island Lt. Distance 3.96 Miles. PLR 134.6. Ave. S.P. 177.5 Ave. RPM 93.5. Distance made good 45.72.

J. E. Flanders Ensign USNRF-4 jef

4:00 a.m. to 8:00 a.m.
Steaming on course 334° psc. 4:19 Water taken aboard. Bow & Beam bearing on Presque Isle Lt. Distance 7.2 miles. 5:07 Changed course to 327°. Ave. RPM 90.4. Ave. S.P. 180. Distance made good 45.84 miles.

L. A. Stanley Ensign USNRF-4 lah

8:00 a.m. to Meridian
Steering course 342°. 8:32 Sighted land dead ahead. 8:51 Detour Lt. 1 pt. Star. bow. Steering various courses. 9:24 Detour Lt. abeam. PL taken in reading 86.1. 9:35 Admiral Benson talked to enlisted personnel on the halfdeck. 10;32 Anchored off Lime Island in 3 3/4 fathoms of water and 25 fathoms of chain at water edge. 10:45 S.P. 1011 along side. Admiral and Mrs. Benson, Com. Carter, Lieut. Comdr. McClurg left ship going aboard S.P. 1011. S.P. 202 followed. 10;50 Making preparations for coaling. 11:20 All boats an starboard side in the water. Magazine inspected and samples taken, condition normal.

E. K. Tilden Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
Anchored off Lime Island. 12:41 Anchored up and underway for coal dock. 12:56 Tied up alongside coal dock, coal from 1:00 to 1:30. 60 tons of coal purchased from Pittsburg Coal Co. 1:32 Cast off and underway from coal dock. 1:49 Anchored off Lime Island in 4 1/2 fathoms of water with 25 fathoms of chain at water edge. General field day for rest of watch.

J. E. Flanders Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
No remarks

L. A. Stanley Ensign, USNRF-4 lah

6:00 p.m. to 8:00 p.m.
Admiral and Mrs. Benson, Com. Carter, and Lieut. Comdr. McClurg returned aboard at 7:40. The following named men were transferred to the Marne Hospital, Sault Ste. Marie for Mumps. H.C. Gordy. S2c. Gunner Mate School. P. Story S2c. Cox. School.

E. K. Tilden Ensign, USNRF-4 ekp

8:00 p.m. to Midnight.
8:06 anchored up and underway. 9:38 Patent log was put out reading zero. 9:42 Course 240°psc. PLR .6. 9:55 Changed course to 260° psc. PLR 2.2. 10:50 Changed course to 265°psc. PLR 10.1 11:04 Took beam bearing on Martin Reef Lt. vessel. PLR 11.6 11:15 Took quarter bearing on Martin Lt. vessel distance 1.8 miles. 11:43 Changed course to 270°psc. PLR 16.9 . Ave. RPM 80. Ave S.P. 180. Miles made good 22.32.

J. E. Flanders .Ensign, USNRF-4 jef

Approved: L. R. Lurtin
Lieutenant Commander USNRF-2
Commanding Officer

Examined: G. Halsinger
Lieutenant (jg) USNRF-1 S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit Michigan TO Great Lakes, Ill. 16 Sept 1918 191

I.R.Rutter, Lieut. Comdr. USNRF-2 U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	1	27	5	80		346120	Var.	NW	3	29.40	75	50	47		bc	acu		2	
2	8	4	35	7	80		350920	237	NWXW	3	29.40	75	50	47		bc	acu		2	
3	8	3	44		80		355720	275	NW	3	29.40	74	52	49		bc	acu		2	
4	8	2	52	3	80		360320	277	WXN	2	29.41	74	52	49		bc	acu		3	
5	8	5	60	8	80		365320	222	WXN	2	29.42	74	53	50		bc	acu		1	
6	8	5	67	3	80		370174	222	NEXW	2	29.43	72	53	50		bc	acu		1	
7	8	5	77	8	79	3	374274	222	WSW	2	29.44	74	56	53		bc	acu		3	
8	8	2	86	5	76	9	379174	222	WSW	2	29.46	75	56	53		bc	cu		6	
9	8	1	94	6	80		386674	222	WSW	2	29.46	76	58	55		bc	cu		6	
10	8	6	3	2	80		389026	222	WSW	2	29.47	72	58	55		bc	cu		6	
11	8	6	11	8	80		393874	240	NSW	2	29.49	75	60	57		bc	cu		6	
12		8	12	7	76		397528	var.	NE	2	29.49	75	61	58		bc	acu		9	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum A-1 75 A-2 71

Minimum 71 69

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 384 On hand 3136

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1							399240	210	W	2	29.48	69	69	66		bc	cau		7	
2							404040	210	W	2	29.47	68	66	63		bc	cau		7	
3							408840	210	W	1	29.45	68	65	62		bc	cau		6	
4							411502	var.	W	1	29.45	69	65	62		bc	cau		7	
5	6	1	6	1	74	5	414874	208	SWXW	1	29.45	70	63	60		bc	cau		7	
6	8	7	14	8	80		419574	206	SWXW	1	29.45	71	56	53		bc	cau		7	
7	8	8	23	6	82		424594	206	SXW	1	29.45	73	54	51		bc	cau		5	
8	8	9	32	4	82		429514	206	SXW	1	29.50	73	55	52		bc	cau		5	
9	8	8	41	2	82		434434	207	SW	1	29.50	75	55	52		bc	cau		2	
10	8	7	49	9	82		439354	207	SW	1	29.50	75	55	52		bc	cau		2	
11	8	6	58	5	82		444279	208	SW	1	29.50	75	55	52		bc	cau		1	
12	8	7	67	2	82		449944	208	SW	1	29.50	75	55	52		bc	cau		9	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... U.S.S. ESSEX ..... 16 September 1918

REMARKS.

Commences to 4 a.m.

Steering on course 270° psc, 90° bearing on Bau Blanc at 12:33 a.m.,23.7; 135° bearing on Bau Blanc at 12:45 a.m., 25.3, ---distance 1.92 miles. Changed course to 274° at 12:36 a.m., to 257° at 1:30 a.m. Abeam old Pt. Mackinac at 2:10 a.m. PLR 37. Changed course to 275° at 2:23 a.m.,at 3:45 a.m. to 277°. Passed the two Shoal Lights and White Shoal. Average R 80. Average SP 180 pounds. Distance made good 39.72 miles.

L. A. Stanley Ensign USNRF-4 lah

4 a.m. to 8 a.m.

Steering course 277° psc 4:33 a.m. Greys Reef Light Vessel abeam. PL 57. Changed course to 222° psc 4:41 a.m. Isle Aux Galets bore 45° off Port bow. 5:06 a.m. Isle Aux Galets bore 90° on Port beam. PL 61.6 (difference 4.4 miles) 6:50 a.m. Beaver Island light abeam. Average R 79. SP 167.5.

E. P. Fisher Ensign USNRF-4 ekp

8:00 a.m. to Meridian.

At 8:15 took 26 1/2° forward of beam on South Fox island light. PL 87.8. At 9:15 took 26 1/2° bearing abaft beam, on South Fox island light. PL 96.9. So. Fox island light found to be 10.8 miles abeam. At 9.25 sighted N. Manitou light. At 10:10 a.m. took 26 1/2° bearing on N. Manitou light. PL 104.6. At 10:20 took 45° bearing. PL 107.5. N. Manitou 3.5 miles distant when abeam. At 10:40 changed course to 240° psc. At 11:06 changed course to 270° psc when Manitou light ship was abeam, took in patent log reading 112. 7. At 11:49 at anchor in So. Manitou harbor with starboard anchor out with 35 fathoms of chain at water's edge and in 10 fathoms of water. Average R 79. Average SO 165 pounds. 71 buckets of coal used. Distance made good 31.44 miles.

J. E. Flanders ENSIGN USNRF-4 jef

Meridian to 4:00 p.m.

Steering various courses. Made trip from Manitou to Frankfort. Sighted Point Betsie.

L. A. Stanley Ensign USNRF-4 lah.

4:00 p.m. to 6:00 p.m.

4 p.m. laying idle off Frankfort light. 4:10 p.m. under way CC 270° psc. 4:15 p.m. Frankfort light dur East 2 miles. Changed CC to 206° psc. PLR 0. 4:29 Frankfort light bore 26 1/2° on the port quarter 1.2 miles. Took on 576 gal. of fresh water at 5 p.m. 5:06 p.m. Arcadia tower on port beam, 5 miles distant. Average R 77.2. SP 155. Miles made good 17.8.

E. P. Fisher Ensign USNRF-4 ekp

6:00 p.m. to 8:00 p.m.

Steaming on course 206° psc. At 6:15 took 45° bearing on Manistee light. Patent log 21.8. At 6:48 took 90° bearing on Manistee light. PLR 21.8. Manistee light 6 miles abeam. AVerage R 82. SP 180 pounds. Distance made good 21.10 miles.

J. E. Flanders Ensign USNRF-4 jef

8:00 p.m. to Midnight

Steering on course 206°. Changed course to 207° at 8:20. Bow and beam on Big Sable Pt. Distance 3.5 miles. Changed course when abeam Little Sable, 10:50 p.m. Distance 13.[illegible] miles. To 208°. RPM 82. SP 180 pounds. Miles made good 42.76.

L. A. Stanley Ensign USNRF-4 lah.

Approved: L. R. Rutter
Lieutenant Commander, USNR
Commanding Officer.

Examined: G. H. Holbrook
Lieutenant, USNRF-1
U. S. N., Navigator.

Lieutenant Commander L. R. Rutter.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Detroit Mich. TO Great Lakes, Ill. 17 Sept 1918 191

I.R.Rutter, Lieut. Comdr. USNRF-2 U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	8	8	76		82		454114	208	SW	2	29.51	72	57	54		b				
2	8	5	84	5	82		459034	208	SW	2	29.52	72	57	54		b				
3	8	7	93	2	82		463954	208	SW	2	29.54	71	58	55		bc	as		1	
4	8	5	1	7	82		468874	208	SW	2	29.55	71	57	54		bc	as			
5	8	4	10	1	82		473794	208	SW	3	29.56	71	57	54		bc	as		1	
6	8	5	18	6	82		478714	208	SW	3	29.58	72	57	54		bc	as		1	
7	8	5	27	1	82		483634	208	SW	3	29.58	72	58	55		bc	as		1	
8	8	5	35	5	82		485554	215	SW	3	29.62	70	57	54		bc	acu			
9	8	5	44	1	82		493474	230	SW	3	29.63	71	57	54		bc	acu		3	
10					82		498390	var.	SW	3	29.63	71	56	54		bc	acu		3	
11									SW	2	29.63	71	56	54		bc	cu		4	
12									SW	2	29.63	71	56	54		bc	ci		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum A-1 72 A-2 69

Minimum 71 69

Compass

S. II

Error

Variation

Deviation

Coal. { Received / Expended 24.8 / On hand 123.3

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SXW	2	29.60	71	67	64		bc	ci		4	
2									SXW	2	29.56	72	64	61		bc	cicu			
3									SXW	2	29.52	72	65	62		bc	cis			
4									SXW	2	29.50	72	68	65		bc	cis			
5									SXW	2	29.50	72	67	62		bc	as		4	
6									SXW	2	29.50	75	65	62		bc	as		4	
7									SXW	2	29.50	75	64	61		bc	as		3	
8									SSW	2	29.50	74	62	59		bc	as		3	
9									SSW	2	29.47	75	61	58		bc	cicu		3	
10									SSW	2	29.47	75	61	58		bc	cis		3	
11									SSW	2	29.45	75	59	56		bc	cicu		5	
12									SSW	2	29.43	74	58	55		bc	cicu		7	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 17 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
Steaming course 208° psc, en route for Great Lakes. Ave.RPM 82. Ave. SP 177.5. Miles made good 41.4.

E.K. Fiedler
ENSIGn, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.
Steaming on course 208° psc. 6:29 Changed course to 215° psc. PLR 122.6. Ave. RPM 82. Ave. SP 171. Distance made good 40.68 Miles.

J.E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian.
Steering on course 215° psc. 9:00 Changed course to 230° psc. Patent log taken in reading 146.9. 10;12 Anchored off Great Lakes in 4 fathoms of water with 25 fathoms of chain at water edge. 10:15 Capt. Moffet aboard. 10;20 Mrs. Benson, Capt. Moffet, and Lieut. Comdr. McClurg ashore in Capt. Moffet motor boat. 10:30 Admiral Benson and Chief of Staff Carter ashore in Gig. 10:40 Capt. Bower aboard. 10:48 Capt. Cooper aboard. Sent J.E.Finney S2c Gunner Mates School sent ashore to the Hospital Diag. Mumps. Draft of ship 13'9" aft. 16'. Sent to shore, 1 Coil Lea d line deep sea., 40 glass globes, 20- 120 watt carbon lamps.

L. A. Hanley Ensign, USNRF-4 lah

Meridian to 4:00 p.m..
1:10 Capt. Rutter, Capt. Bower, and Capt. Cooper left ship in Running boat. #2 cutter in the water for supplies.

E.K. Fiedler
Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m.
4:30 G.W. Wood, Lieut. Medical Corps, USNRF left on leave till friday.

J.E. Flanders Ensign, USNRF-4 jef

6:00 p.m. to 8:00 p.m.
No Remarks

L. A. Hanley Ensign, USNRF-4 lah

8:00 p.m. to Midnight.
8:35 Ensign Sarvene and Ensign Fender left in motor boat for shore. 10:30 Motor boat and cutter hoisted and secured for the night. 2nd division turned in. The following supplies received from Supply Dept. Great Lakes. 1000 lbs. beans, 1000 lbs flour, 473 1/2 lbs pickles, 1000 lbs sugar, 288 lbs corn beef, 450 lbs apricots, 300 lbs corn, 480 lbs milk, 200 lbs lard, 450 lbs peaches, 44 lbs tea, 420 lbs tomatoes, 1000 lbs coffee

E.K. Fiedler
Ensign, USNRF-4 ekp

Approved: L. R. Rutter
Lieutenant Commander USNRF-2
Commanding Officer

Examined: G. Walbridge
Lieutenant USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes. Illinois. TO Chicago Ill. , 18 Sept. 1918, 191

L.R.Rutter, LIEUT.Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SXW	3	29.37	74	58	55		bcz	as		7	
2									SXW	3	29.37	74	58	55		bcz	as		8	
3									SXW	3	29.37	74	56	53		ocz	as			
4									SXW	3	29.34	73	56	53		ocz	as			
5									SXW	2	29.27	70	54	52		ocz	as			
6									SW	2	29.23	70	53	50		ocr	nim		8	
7									SW	2	29.22	72	53	50		ocr	nim		10	
8									SW	2	29.21	72	54	51		ocr	nim		9	
9									SSW	2	29.17	70	59	56		bcf	scu		9	
10									SWXW	2	29.16	69	61	57		bcf	acu		9	
11									NWXN	3	29.15	69	61	57		bcf	acu			
12									NWXW	3	29.17	70	55	52		bcf	acu			

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum	A-1	71	A-2	70
Minimum		69		69

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 5.5 / On hand 118.

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received 870 / Expended 288 / On hand 3072

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Q.M. Semaphore	
2	& Wig-wag.	
3		
4	Cox. Gun pointing	
5		
6	G.M. BLocks and	
7	tackles.	
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1									WNW	3	29.20	70	51	49		bcz	acu		9	
2									WXN	3	29.24	72	51	49		bcz	acu		6	
3									NWXW	4	29.22	72	55	52		bcz	acu		5	
4									NWXW	4	29.25	72	55	52		bc	acu		7	
5			4	6	71		502338	148	W	4	29.30	72	58	55		bc	acu		4	
6	8	5	13	1	82		507138	148	W	3	29.30	72	58	55		bc	acu		3	
7	8	6	21	7	80		511938	175	W	2	29.30	68	56	53		bc	as		2	
8					77	5	515814	var.	W	2	29.35	72	56	53		b			1	
9									WSW	1	29.36	70	54	51		bc	cis		2	
10									WSW	1	29.37	70	53	50		bcz	cis		2	
11									SW	1	29.39	70	52	49		bcz	cis		2	
12									SW	1	29.37	72	50	47		bcz	cis		2	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 Sept 1918

REMARKS.

Commences and until 4:00 a.M.
At anchored off Great Lakes in 4 fathoms of water with 25 fathoms of chain at water edge. Barometer steady. Light SW winds.

J.E. Flanders Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
Men turn to scrub hammocks and sea bags.

L.A. Stanley Ensign, USNRF-4 lah

8:00 a.m. to Meridian.
Inspected magazine and S.P.samples, condition normal.

E.K. Folsom Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.

No remarks.

J.E. Flanders Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
Prepared to get underway. 4:17 Anchor up and underway for Chicago Ill. the USS Yantic and USS Gopher fell in astern of ship at std. distance in order named. Course 128 psc. Std. speed 80 R.P.M. Ave. RPM 80.. Ave. SP 180. Miles made good 15.7

L.A. Stanley Ensign , USNRF-4 lah

6:00 p.m. to 8:00 p.m.
Steering course 128° psd. 6:00 Took on 870 gals fresh water. 6:09 Grase Point Lt. abeam, distance 3.6 miles. PLR15.2. 6:24 Changed course to 175° psc/ PLR 16.5. 7:03 Lakereen Crib abeam. 7:17 Changed course to 18° psc. PLR 24. 7:25 Entering Chicago Basin. Patent log taken in reading 25. 8:00 Dropped anchor in Chicago Harbor in 3 1/4 fathoms of water and 25 fathoms of chain at water edge. AVE. RPM 80. Ave. SP 180 Miles made good 14.3.

E.K. Folsom Ensign, USNRF-4 ekp

8:00 p.m. to Midnight.
8:03 USS Gopher anchored. 8:06 USS Yantic anchored. 8:10 The following named men shoved off on furlough expiring at 6:00 p.m. an date noted. Vassar, C.B. GMlc USNRF, 12 days. Watkins, F.A. S2c USN, 12 days. Newman, A.S. S2c USN, 14 days. Mitchell, G.R. Sea USN 14 days. Riggs, V.T. S2c USN 14 days. Martin, M/ Cox. USNRF 12 days. Hogan, J.C. Sea. USN 12 days. Flow, H.H. Sea USN 12 days. Wensley, J.C. Sea USNRF. 12 days. Martin, P.H. Sea. USN 12 days. Darling, M.C. PhM3c USNRF 12 days. Dodge, F. SC4c USN 12 days. Lamoureaux, H.J. BM2c USN 12 days. Morenz, W.H. Sea USN 12 days. Boyle, M.J. Sea USN 12 days. Callico, P. F2c USN 14 days. Riffer, W.M. MMlc USNRF 12 days. Mcdannel,G.F/ MMlc USNRF 12 days. Harrington, B.M. WT USNRF 12 days. Van Dycke, M.F. E2c USNRF 11days. Ruckle, R.C. F2c USN. 11 days.

J.E. Flanders Ensign USNRF-4 jef

Approved: L.R. Lucas
Lieutenant Commander USNRF-2
Commanding Office

Examined: G.K. Gahringer
Lieutenant, USNRF-1 U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO _____, 19 Sept 1918, 191

L.R. Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.35	72	50	47		bcz	cis		5	
2									SW	1	29.33	70	50	47		bcz	cis	5		
3									WXN	1	29.31	69	50	47		bcz	cis		5	
4									WXN	1	29.30	69	50	47		bcz	cis		7	
5									SW	1	29.32	70	50	47		bcz	cis		7	
6									SW	1	29.33	70	50	47		bcf	cis		9	
7									SW	1	29.35	70	50	48		bcf	cis		9	
8									SWXS	1	29.36	70	50	47		bcf	cis		9	
9									SWXS	1	29.36	70	50	48		bcf	cis		8	
10									SWXS	1	29.38	70	55	52		bcz	cis		8	
11									NWXW	1	29.40	72	54	51		bcz	cis		9	
12									WNW	1	29.40	72	54	51		bcz	acu		8	
P. M.																				
1									SWXW	1	29.40	72	61	58		bcz	acu		8	
2									SW	1	29.40	72	58	55		bcz	acu		8	
3									NW	2	29.40	70	57	54		bcz	acu		7	
4									NW	2	29.40	68	56	53		bc	cu		3	
5									WNW	2	29.40	70	56	53		bc	cu		3	
6									WNW	2	29.42	70	54	51		bc	cu		4	
7									WNW	2	29.42	70	54	48		bc	cu		4	
8									NNW	2	29.50	72	51	48		bc	cu		5	
9									NNW	2	29.50	72	51	48		bc	cu		5	
10									NNW	2	29.51	72	51	49		bc	cu		5	
11									NNW	2	29.51	72	50	49		bc	cu		6	
12									NNW	2	29.51	72	50	49		bc	cu		6	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum A-1 70 A-2 68

Minimum 70 67

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. Received _____ Expended 6.9 On hand 110.8 tons

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		Cox. Boats under oars
3		
4		Q.M. Semaphore
5		G.M. Gun assembly
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 19 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor in 3 1/4 fathoms of water and 25 fathoms of chain at water edge.

L. A. Hanley Ensign, USNRF-4 lah

4:00 a.m. to 8:00 a.m.
Morning orders carried out.

E. K. Fiedler Ensign, USNRF-4 ekp

8:00 a.m. to Meridian.
The following men reported aboard from Commodore having reported there at the expiration of their furlough. Bales, C.O. W.T. USN? Bales, J. Flc USN. Corn, H.J. Pntr3c, USN. Blecker, W.F. QM1c USN. Willey, F.J. Sea USN. Carlock, D.M. S2c, USN. Yarnell, J.C. Sea, USN Belobraidich, A. Bsmth 1c, USNRF. Taylor, H.G. Bug. USN. The following supplies received aboard and inspected by Medical Officer. 1035# beef from Armour and Co., 1060# patatoes, 125# Cabbage, 200# onions from North Shore Fruit and produce Co. 45# pears from Cohen & Co. 1050# bread from Berghalter health food Co. 180 dozen eggs from C.H.Weiver & Co. 150# Hamberger and 150# frankfurter from Arnold Bros. 150# fish from C.W. Trigg & Co.

J. E. Flanders Ensign, USNRF-4 jef

Meridian to 4:00 p.m.
Sent motor boat to Commodore. 4:00 24 castings, 2 tubes for boilers. 3 cases eggs received.

L. A. Hanley Ensign, USNRF-4 lah

4:00 p.m. to 8:00 p.m.
5:20 Keeler, H.H. LY USNRF, and Fitzgerald, J.E. LY USNRF received on board.

L. A. Hanley Ensign, USNRF-4 lah

8:00 p.m. to 8:00 p.m.

No Remarks.

L. A. Hanley Ensign, USNRF-4 lah

8:00 p.m. to Midnight

No Remarks.

L. A. Hanley Ensign, USNRF-4 lah

Approved: L. R. Lunn
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: E. K. Kalbfus
Lieutenant USNRF-1.
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO _____. 20 Sept 1918. 191

L.R.Rutter, Lieut. Comdr. USNRF-2 U. S. Navy, Commanding.

Hour	Knots	Tenths	Patent Log	Tenths	Average Revs.	Tenths	Engine Counter	Course	Wind: Direction	Wind: Force	Barometer: Height in Inches	Barometer: Ther. Att.	Temperature: Air Dry Bulb	Temperature: Air Wet Bulb	Temperature: Water at Surface	Weather by Symbols	Clouds: Form	Clouds: Moving From	Clouds: Amount	Sea
A. M.																				
1									NNW	1	29.51	72	45	42		bz	s		2	
2									NNW	1	29.52	70	45	42		bz	s		2	
3									WNW	1	29.52	70	43	40		bz	s		2	
4									WNW	1	29.52	70	42	39		bz	s		2	
5									NW	2	29.53	68	44	41		bz	scu		3	
6									WNW	1	29.56	67	43	40		bcz	scu		2	
7									WNW	1	29.58	67	45	42		coz	scu		10	
8									WNW	1	29.60	68	46	44		coz	scu		10	
9									WNW	1	29.64	68	46	44		coz	scu		10	
10									NW	1	29.68	68	44	42		coz	scu		10	
11									NW	1	29.69	68	45	42		coz	scu		10	
12									NW	1	29.70	68	48	45		coz	scu		10	
P. M.																				
1									NW	1	29.7170	48	45			coz	scu		8	
2									NW	1	29.7169	49	46			cöz	scu		7	
3									NW	1	29.7170	50	47			coz	scu		8	
4									NW	1	29.7170	51	48			coz	scu		8	
5									NW	1	29.7370	53	50			coz	scu		9	
6									NW	1	29.7569	52	49			coz	scu		8	
7									NW	1	29.7569	51	48			cez	scu		8	
8									NWXW	1	29.7569	52	49			coz	scu		8	
9									NWXW	1	29.7569	52	49			coz	scu		6	
10									NWXW	1	29.7568	52	49			coz	scu		4	
11									NWXW	1	29.7568	52	49			bc	scu		5	
12									NW	1	29.7868	51	48			bc	scu		7	

Sea.

Lat. by D. R. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

Lat. by D. R. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum A-1 70 A-2 69
Minimum 68 68

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal: Received _____ Expended 2.5 On hand 108.4

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		Cox. Rigging cutter sails.
2		G.M. Boat drill under sails/
3		Q.M. Wig-wag.
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 20 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor in 3 1/4 fathoms of water and 25 fathoms of chain at water edge. Steam in #1 boiler for auxilary purpose.

E. K. Felker
Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.
Morning orders carried out.

J. E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian.
8:06 Gopher underway. Barometer rising.

L. A. Hanley Ensign, USNRF-4 lah

Meridian to 4:00 p.m.
Capt. Cooper of USS ~~Gopher~~ Yantic aboardbat 2:30 left 2:55.

E. K. Felker
Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m /
Received the following supplies aboard 80003 of Ice from Consumers Ice Co. and 125# of sausage from Armour & Co.

J. E. Flanders Ensign, USNRF-4 jef

6:00 p.m. to 8:00 p.m.
Showed off 25 men to Circus.

L. A. Hanley Ensign, USNRF-4 lah

8:00 p.m. to Midnight/
Liberty party from Circus returned.

E. K. Felker
Ensign, USNRF-4 ekp

Approved: L. R. Lurtin
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined: G. H. Halsinger
Lieutenant USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 21 Sept 1918, 191

L.R. Rutter Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NW	2	29.77	69	52	49		bc	acu		6	
2									NW	2	29.77	69	52	49		bc	acu		6	
3									NW	2	29.77	68	52	48		bc	acu		6	
4									NW	2	29.77	68	52	48		bc	acu		6	
5									NW	2	29.80	68	52	50		bc	acu		6	
6									NW	2	29.80	68	53	51		bc	acu		5	
7									NW	2	29.80	68	53	51		bc	acu		5	
8									NW	2	29.80	70	53	51		bc	acu		4	
9									NW	2	29.85	66	52	50		bcz	acu		3	
10									N	2	29.85	63	56	53		bc	acu		5	
11									N	2	29.85	65	55	52		bc	acu		4	
12									N	2	29.85	65	58	55		bc	acu		5	

S. a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

S. p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum	A-1	68	A-2	68
Minimum		68		66

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 3.3 On hand 105.4

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 704 On hand 1920

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									N	2	29.86	68	54	51		bc	acu		6	
2									NXE	2	29.86	68	54	51		bc	acu		4	
3									NXE	2	29.84	67	59	56		bc	acu		4	
4									NXE	2	29.83	68	56	53		bc	acu		5	
5									N	1	29.83	68	54	51		bc	ci		2	
6									NE	1	29.83	68	54	51		bc	ci		2	
7									E	1	29.83	68	54	51		bc	ci		2	
8									ESE	1	29.85	76	54	51		bc	cis		2	
9									ESE	1	29.85	69	54	51		bc	cis		2	
10									ESE	1	29.85	69	54	51		bc	cis		2	
11									SXW	1	29.85	69	52	49		bcf	cis		2	
12									SSW	1	29.86	69	52	49		bcf	cis		2	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 21 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
Anchored in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of chain at water edge. Barometer rising.

J.E. Flanders Ensign USNRF-4 jef

4:00 a.m. to 8:00 a.m.
Carried out morning orders. Liberty returned at 8:00.

L. A Stanley Ensign, USNRF-4 lah

8:00 a.m. to Meridian
R.B. Shepard S 2c USNRF. reported aboard for duty.
Bag inspection.

E.K. Fiske Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
The following supplies were received aboard and inspected by Medical Officer. 175# fresh chickens from Cohen & Co. and 480# apples butter from Reid, Murdock and Co. 1:55 R.W. MacDonald Ensign(T) USN reportedaboard for duty. Liberty party shoved off.

J.E. Flanders Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
No Remarks

L. A Stanley Ensign, USNRF-4 lah

6:00 p.m. to 8:00 p.m.
No Remarks

E.K. Fiske Ensign, USNRF-4 ekp

8:00 p.m. to Midnight.
11:05 Fog sets in.

L. A Stanley Ensign, USNRF-4 lah

Approved: L.R. Sumner Lieutenant Commander, USNRF-2 Commanding Officer.

Examined: E.H. Holmes Lieutenant USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 22 Sept 1918 191

L.R.Rutter Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.87	68	50	47		b				
2									SW	1	29.87	68	50	47		b				
3									SW	1	29.87	68	48	45		b				
4									SW	1	29.87	67	49	46		b				
5									SW	2	29.87	68	48	45		b				
6									SW	2	29.87	68	48	45		bc	s		2	
7									SW	2	29.87	7	48	45		bc	s		3	
8									SW	2	29.89	77	49	46		bc	s		3	
9									SW	1	29.88	67	52	49		bcz	s		3	
10									SW	2	29.87	67	56	53		bc	s.		3	
11									SW	1	29.87	68	57	54		bc	cicu		6	
12									SWXW	1	29.85	69	61	58		bc	cicu		4	
P. M.																				
1									SW	1	29.85	68	67	64		bc	cu		3	
2									SW	1	29.84	68	72	69		bcz	cu		3	
3									SSW	1	29.85	68	68	65		bcz	ci		3	
4									SW	1	29.78	68	66	63		bc	cu		1	
5									SWXS	1	29.76	70	64	61		bc	cu		1	
6									SWXS	1	29.76	70	64	61		bc	cu		1	
7									SWXS	1	29.75	71	61	58		bz				
8									SWXS	1	29.75	71	61	58		bz				
9									SSW	1	29.76	72	60	57		bz				
10									SSW	1	29.76	73	58	55		bz				
11									SXW	2	29.76	72	57	54		bz				
12									SWXS	2	29.77	72	57	54		bcz	cicu		1	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 3.3 On hand 102.

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 298 On hand 1632

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 22 Sept 1918

REMARKS.

Commences and until 4:00 a/m.
Anchored in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of chain at water edge.

L. A. Hanley Ensign, USNRF-4 lah

4:00 a.m. to 8:00 a.m.
No Remarks.

E. K. Fiddes Ensign, USNRF-4 ekp

Meridian
8:00 a.m. to ~~Midnight~~.
10:00 Church party shoved off.

J. E. Flanders Ensign, USNRF-4 jef

Meridian to 4:00 p.m.
2:30 Shoved off 34 men to raise service flag.

L. A. Hanley Ensign, USNRF-4 lah

4:00 p.m. to 6:00 p.m.
Visitors aboard leaving.

E. K. Fiddes Ensign, USNRF-4 ekp

6:00 p.m. to 8:00 p.m.
No Remarks.

J. E. Flanders Ensign, USNRF-4 jef

8:00 p.m. to Midnight.
34 men returned from raising service flags at 8:30.

L. A. Hanley Ensign, USNRF-4 lah

Approved: L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer

Examined: E. H. Delaney
Lieutenant USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 23 Sept. 1918, 191

L.R.Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1					-				SW	1	29.77	72	55	52		bz				
2									SW	1	29.76	72	54	51		b				
3									SW	1	29.76	73	53	50		b				
4									SW	1	29.76	72	53	50		b				
5									SW	1	29.76	71	53	50		b				
6					-				SW	2	29.75	70	52	49		b				
7									SW	2	29.75	70	52	49		bcz				
8									SW	2	29.76	71	54	51		bcz				
9									SW	2	29.79	71	57	54		bz				
10									SW	1	29.76	73	66	63		bz				
11									SW	1	29.76	73	68	65		bz				
12									WSW	1	29.77	73	78	75		bz				
P. M.																				
1									WSW	1	29.77	7378		75		bc				
2									SW	1	29.77	7472		70		bc	cis			
3									SW	1	29.77	7472		70		bc	cis			
4									SW	2	29.77	7471		69		bc	cis			
5									SW	2	29.76	7472		69		bcz	cis			
6									SWXS	2	29.75	7370		67		bcz	cis			
7									SSW	2	29.63	7470		67		bcz	cis			5
8									SSW	2	29.63	7464		55		bcz	cis			5
9									SSW	2	29.62	7466		63		bcz	cis			3
10									SW	1	29.64	7566		63		bcz	cis			4
11									SW	1	29.64	7564		61		bcz	cis			4
12									SW	2	29.65	7563		60		bcz	cis			4

a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum A-1 68 A-2 66

Minimum 68 65

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 3.6 On hand 156.3

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 280 On hand 1152

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX

REMARKS.

Commences and until 4:00 a.m.
Anchored in 3 1/4 fathoms of water with 25 fathoms of ~~mck~~ chain at water edge. Barometer steady.

E. K. Fiedler
Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.
Carried out morning orders. ~~With~~ Liberty party returned with no absentees.

J. E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian.
Received from Berhalter Health Food Co. 1000# bread. From Arnold Bros. 100# Hamburger, 100# frankfurters, 132# beef loin. from Armour & Co. 967# beef 150# pork , 100# lunchen meat. 9:40 B.A. Johnson CWT. USN transfered to the USS City of So. Haven. 10:10 Prepared to get underway. 10:12 Anchor up and underway to coal dock. 10:27 At coal dock. 13'6" draft ford 15'9" aft.. 10:30 USSGopher sighted exchange calls. 11:20 Finished coaling ship. Draft ford 14', 16' aft. 11:48 Anchored in old anchorage.

L. A. Hanley Ensign, USNRF-4 lah

Meridian to 4:00 p.m.
75 gals gasoline received from the Red Crown Co. Chicago. Field day. USS Gopher underway to coal at 1:40. The following supplies received and inspected by Medical Officer. 100# beef tongue & 205# pork loins from Oscar Mayer & co. 90 doz. Eggs from C.H. Meaver. 400# jam from B.A. Ralton Co. 4 tubs butter, 2000# potatoes, 150# cabbage, 150# grapes, 150# apples.

E. K. Fiedler
Ensign, USNRF-4 ekp

4:00 p.m. to 8:00 p.m.
No Remarks.

J. E. Flanders Ensign, USNRF-4 jef

6:00 p.M. to 8:00 p.m.
No Remarks.

L. A. Hanley Ensign, USNRF-4 lah.

8:00 p.m. to Midnight.
10:10 H.H. EDwards S2c USNRF reported on board from the USS Wolverine Detroit Michigan.

E. K. Fiedler
Ensign, USNRF-4 ekp

Approved: L. R. Lucas
Lieutenant Commander USNRF-2
Commanding Officer

Examined: G. W. Halsinger
Lieutenant USNRF-1 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO _____, 24 Sept 1918, 191

L.R.Rutter. Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	2	29.64	74	62	60		bcz	cis		5	
2									W	2	29.64	74	62	60		bc				
3									W	2	29.64	74	62	60		bc				
4									W	2	29.63	74	62	59		bc				
5									NNW	1	29.64	72	61	58		bcz				
6									NNW	1	29.65	71	61	58		bcz				
7									NNW	1	29.66	71	61	58		of	s		10	
8									NNW	1	29.65	67	61	58		of	s		10	
9									NXW	1	29.65	67	61	58		f	s		5	
10									NE	1	29.66	71	61	58		bc	cs		5	
11									NXE	1	29.65	70	61	58		bc	cs		8	
12									NXE	1	29.65	71	62	59		bc	cs		8	
P. M.																				
1									NNE	1	29.65	72	62	59		bcz	cs		8	
2									NE	1	29.63	72	62	59		bcz	cs		7	
3									NNW	1	29.60	72	62	59		bcz	cis		8	
4									NNW	1	29.60	72	70	67		bcz	cis		9	
5									NE	1	29.58	74	70	67		bcz	cis		7	
6									NE	1	29.37	77	65	62		bcz	cis		6	
7									NE	1	29.37	75	63	60		bcz	cis		6	
8									NE	1	29.38	71	60	57		bcz	cis		5	
9									N	1	29.37	73	60	57		bcz	cis		3	
10									N	1	29.37	74	59	56		bcz	cis		5	
11									N	1	29.37	74	59	56		bcz	cis		5	
12									NE	1	29.37	74	67	61		bcz	cis		3	

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum	A-1 70	A-2 67		
Minimum	68	55		

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 5.8 / On hand 150.4

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received 2010 / Expended 160 / On hand 2752

DRILLS AND EXERCISES.

Division	*Morning.*	*Afternoon.*
1	G.M. Boat Drill	
2	Cox. ExCal. practice	
3	Q.M. Flag hoist	
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 24 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of ~~water~~ chains at water edge. Both boilers in use for auxiliary purposes.

J. E. Flanders Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
Carried out morning orders.

L. A. Hanley Ensign, USNRF-4 lah

8:00 a.m. to Meridian.
10:20 USS Yantic underway to ex-caliber practice. 10:22 USS Gopher underway to ex-caliber practice. 10:30 Underway for ex-caliber practice. Made daily inspection of magazine and S.P. samples, condition normal. 11:20 On range.

E. K. Pilcher Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
12:34 Anchored out of Chicago Harbor in 3 fathoms of water with 20 fathoms of chain at water edge. 1:51 Underway for range. 2:15 Began ex-caliber target practice. 3:54 Finished firing and underway for Chicago Harbor.

J. E. Flanders Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
Anchored in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain at water edge.

L. A. Hanley Ensign, USNRF-4 lah

6:00 p.m. to 8:00 p.m.
Jennings J.H. Cab~~l~~ck, USNRF received an undesirable discharge and left ship at 7:30.

E. K. Pilcher Ensign, USNRF-4 ekp.

8:00 p.m. to Midnight.
No Remarks.

R. M. Macdonald Ensign, (T) USN rmm.

Approved:
L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer.

Examined:
R. Holsinger
Lieutenant USNRF-1
U. S. N., Navigator.

4—2009

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO _____, 25 Sept 1918, 191

L.R. Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NE	1	29.33	76	64	61		bcz				
2									NNE	1	29.32	75	62	59		bcz				
3									NE	1	29.30	75	62	59		bcz				
4									NE	1	29.30	71	64	61		bcz				
5									NE	1	29.30	72	62	60		bcz	as		8	
6									NE	1	29.30	74	62	62		bcz	acu		9	
7									NE	1	29.32	76	64	62		bcz	scu		8	
8									NE	1	29.32	75	62	59		bcz	cis		5	
9									NNW	1	29.34	69	64	61		bcz	cis		6	
10									NXE	1	29.36	68	62	59		bcz	cis		7	
11									N	1	29.32	66	62	59		bcz	scu		7	
12									NNW	1	29.32	64	62	59		bcz	cicu		7	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:

Maximum A-1 71 A-2 68

Minimum 69 64

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 5:8 / On hand 150.8

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended 416 / On hand 2336

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Cox. Boat drill	Cox. Boat drill
2	G.M. Small arms	QM. Flag hoist
3	& Semaphore.	G.M. Study.
4	& Blinker	–
5		
6		
7		
8		
9		

P. M.																				
1									NNE	1	29.32	67	62	59		bcz	as		9	
2									NNE	1	29.31	66	63	60		bcz	as		8	
3									NE	1	29.30	66	61	58		bcz	as		8	
4									NEXN	1	29.30	66	61	58		bcz	as		8	
5									NEXN	1	29.30	66	61	58		bcz	as		8	
6									NEXN	1	29.30	66	61	58		bcz	as		8	
7									NEXN	1	29.30	66	60	57		bc	cis		8	
8									NNE	1	29.31	64	58	55		bc	cs		2	
9									NNE	1	29.31	63	58	55		bc	cs		2	
10									NNE	1	29.31	62	59	56		bc	cs		2	
11									NNE	1	29.31	63	59	56		bc	cs		2	
12									NNE	1	29.31	63	58	55		bc	cs		2	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 25 Sept 1918

REMARKS.

Commences and until 4:00 a/m,
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain at water egge. Barometer dropping slowly.

J. E. Flanders Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
Carried out morning orders.

L. A. Stanley Ensign, USNRF -4 lah

8:00 a.m. to Meridian
S.P. Samples and magazine inspected, condition normal.
4 tons of Ice received from Donsumers Ice Co.

E. K. Pickens
Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
No Remarks.

R. M. Macdonald
Ensign, USNRF (T)

4:00 p.m. to 6:00 p.m.
Liberty party shoved off.

J. E. Flanders Ensign, USNRF-4 jef

6:00 p.m. to 8:00 p.m.
No Remarks.

L. A. Stanley Ensign, USNRF-4 lah

8:00 p.m. to Midnight.
No Remarks.

E. K. Pickens
Ensign, USNRF-4 ekp.

Approved:
L. R. Rumer
Lieutenant Commander, USNRF-2
Commanding Officer

Examined:
G. W. Kalanigan
Lieutenant USNRF-1 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 26 Sept 1918, 191

L.R.Rutter, Lieut. Comdr. USNRF-2 U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NNE	2	29.33	62	58	55		bc	cis		2	
2									NNXN	2	29.35	62	56	53		bc	cis		1	
3									NEXN	3	29.36	61	54	51		bc	cis		1	
4									NXE	3	29.37	60	54	51		bc	cis		2	
5									NXE	3	29.40	58	53	50		bc	cis		2	
6									NEXE	3	29.42	58	52	49		bc	cu		7	
7									NE	3	29.44	58	50	47		bc	scu		8	
8									NNE	3	29.46	57	51	48		bc	scu		8	
9									NNE	2	29.47	58	53	50		bc	scu		7	
10									NNE	2	29.48	58	52	49		bc	scu		8	
11									N	3	29.50	58	53	50		bc	scu		6	
12									N	2	29.49	59	53	50		bc	cu		4	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum	A-1 72	A-2 68
Minimum	70	67

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal { Received ..... Expended 4.2 On hand 139.5

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 288 On hand 2048

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Cox. Marlinespike	
2	seamanship.	Cox. Ex-cal.
3		practice
4	Q.M. Boats under	
5	oars.	Q.M. Study
6		
7	G.M. Ship & gun	G.M. Boats under
8	drill.	oars
9		
		Blinker drill with Yantic & Gopher.

P. M.																				
1									N	2	29.52	60	53	50		bc	cu		7	
2									N	2	29.50	60	54	52		bc	cu		6	
3									NXE	2	29.50	60	52	49		bc	cu		4	
4									NNE	2	29.50	60	52	49		bc	cu		4	
5									NNE	2	29.49	59	54	51		bc	scu		3	
6									NXE	1	29.50	61	54	51		bc	scu		3	
7									NXE	1	29.50	61	54	51		bc	scu		2	
8									NXE	1	29.50	60	53	49		b				
9									WXN	1	29.52	60	52	49		b				
10									WXN	1	29.53	60	52	49		b				
11									W	1	29.53	60	52	49		b				
12									W	1	29.53	60	54	51		b				

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 26 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of chain at water edge. Both boilers ~~steaming~~ for auxiliary purposes.

R. M. Macdonald
Ensign, USN (T)

4:00 a.m. to 8:00 a.m.
No Remarks.

J. E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian.
8:43 Yantic underway. 10:25 Yantic anchored.

L. A. Hanley Ensign, USNRF-4 lah

Meridian to 4:00 p.m.
Aired bedding.

E. K. Fidler
Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m.
Piped down aired bedding.

R. M. Macdonald
Ensign, USN (T)

6:00 p.m. to 8:00 p.m.
No Remarks.

J. E. Flanders Ensign, USNRF-4 jef

8:00 p.m. to Midnight.
Liberty party returned at 11:30. No absentees.

L. A. Hanley Ensign, USNRF-4 lah

Approved:
L. R. Lucas
Lieutenant Commander USNRF-2
Commanding Officer

Examined:
E. A. Helwig
Lieutenant USNRF-1
U. S. N., Navigator.

4—2019

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois. TO ....., 27 Sept. 1918, 191

L.R.Rutter, Lieut. Comdr. USNRF-2, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	1	29.51	59	52	49		b				
2									W	1	29.50	58	52	49		b				
3									SW	2	29.50	58	50	47		b				
4									WXN	2	29.50	58	50	47		b				
5									WXN	2	29.49	57	48	45		bc	s			
6									WXN	2	29.47	56	48	45		bcz	s		3	
7									WXN	2	29.47	58	48	45		bcz	s		3	
8									WXN	2	29.48	56	52	49		bcz	s		3	
9									WNW	1	29.47	58	52	49		bcz	cis		4	
10									WXN	1	29.47	58	58	55		bcz	cis		5	
11									WXN	1	29.46	60	64	61		bcz	cis		5	
12									WXN	1	29.43		66	63		bcz	cis		7	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:

	A	B
Maximum	A-1 72	A-2 68
Minimum	69	67

Tested Life buoys and Magazine flood cocks, found to be in good working order. Made fortnightly test of S.P. samples--condition good.

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 4.4 On hand 135.

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 640 On hand 1408

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Cox. Sea Terms.	Cox. Boats under
2	G.M. Boats man-	sails.
3	eauvres with	G.M. Sea terms &
4	flag hoists.	expressions.
5	Q.M. Flag hoist	Q.M. Wig-wag.
6	and semphore.	
7		Q.M. Blinker
8		drill with Yantic
9		and Gopher

P. M.																				
1									W	1	29.39	63	79	76		bcz	ci		5	
2									W	1	29.39	63	79	76		bcz	ci		5	
3									W	1	29.37	64	76	63		bcz	ci		5	
4									W	1	29.33	65	74	71		bcz	ci		5	
5									WXS	1	29.31	67	69	66		bcz	ci		6	
6									WXS	1	29.29	67	68	65		bcz	ci		5	
7									SW	1	29.29	67	66	63		bcz	ci		5	
8									SW	1	29.27	67	64	61		bcz	ci		5	
9									SW	2	29.28	66	63	60		bc	cis		3	
10									SW	2	29.27	65	62	59		bc	cis		3	
11									SW	2	29.24	62	60	58		bc	cis		3	
12									SW	2	29.23	64	58	55		bc	cis		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 27 Sept 1918

REMARKS.

Commendes and until 4:00 a.m.
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of chain at water edge. Both boilers steeming for auxiliary purposes. Barometer steady.

E K Pilsbury
Ensign, USNRF-4 ekp

4:00 a.m to 8:00 a.m.
Carried out morning orders.

R. M. Macdonald
Ensign, USN (T)

8:00 a.m to Meridian.
Made daily inspection of magazine and S.P. samples, condition normanl.

J. E. Flanders Ensign, USNRF-4 jef

Meridian to 4:00 p.m.
12:20 Sent firing squad to Commodore. 12:20 Gopher anchored. 3:48 Capt Rutter went ashore.

L. A. Harley
Ensign, USNRF-4 lah

4:00 p.m. to 6:00 p.m.
Liberty party ~~xxxxxx~~ shoved off. Smith C.L. PhM3c USN detached to Phil. Penn. The following supplies received aboard from Naval Station, Great Lakes. 2 box. ~~Kiks~~ stationary. 1 box ink. 2 box. Sodium. 2 sheets brass. from Navy Yard New York, 1 box. medical supplies.

E K Pilsbury
Ensign, USNRF-4 ekp

6:00 p.m/ to 8:00 p.m.
No Remarks.

R. M. Macdonald
Ensign, USN (T)

8:00 p.m. to Midnight.
Liberty party returned with no absentees. Barometer falling.

J. E. Flanders Ensign, USNRF-4 jef

Approved:
L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Officer

Examined:
G. A. Kalsing
Lieutenant, USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois. TO ____, 28 Sept 1918, 191

L.R.Rutter, Lieut. Comdr. USNRF-2, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Att.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	1	29.23	65	58	55		bzc	ci		3	
2									WXS	2	29.19	63	58	55		bzc	ci		3	
3									WSW	2	29.15	63	58	55		bzc	ci		3	
4									WSW	2	29.14	63	58	55		bzc	ci		3	
5									WSW	2	29.11	61	56	53		bcx	cci		4	
6									WSW	2	29.09	61	56	53		bcz	cs		3	
7									WSW	1	29.09	61	55	52		bcz	cs		4	
8									WSW	1	29.09	61	60	58		bcz	s		2	
9									WSW	1	29.09	61	62	59		bcz	ccis		3	
10									WSW	1	29.09	62	64	61		bcz	ccis		4	
11									WSW	1	29.09	64	69	66		bcz	ccis		4	
12									WSW	1	29.09	64	69	66		bcz	ccis		5	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:

Maximum	A-1	69	A-2	67
Minimum		68		66

Compass

S. H

Error

Variation

Deviation

Coal { Received / Expended 5.09 / On hand 130.1

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended 356 / On hand 1152

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									WXS	1	29.07	67	74	71		bz				
2									E	1	29.05	67	70	67		bz				
3									NNE	1	29.05	67	62	59		bz				
4									NE	1	29.06	67	61	58		bz				
5									NE	2	29.06	67	61	58		bcz	cis		2	
6									NE	1	29.08	68	60	57		bcz	cis		1	
7									NE	1	29.11	69	61	58		bcz	cis		1	
8									NE	1	29.11	64	60	57		b				
9									NE	1	29.12	64	58	55		b				
10									NE	1	29.13	64	58	55		b				
11									N	1	29.14	64	58	55		b				
12									N	1	29.14	64	58	55		b				

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 28 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
At anchored in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of chain at water edge. Both boiler steaming for auxiliary purposes. Barometer falling.

L. A. Hanley Ensign, USNRF-4 lah

4:00 a.m. to 8:00 a.m.
Morning orders carried out. 7:30 a firing squad and pall bearers with bugler shoved off with Brown, I.F GM1c in charge.

E. K. Fuller
Ensign, USNRF-4 ekp

8:00 a.m to Meridian.
~~9:30~~ Inspected magazine and S.P. samples , condition normal.
11:52 Knudson, S2c transferred to U.S.Naval Hospital, Chicago Illinois, Diag. Mumps.

A. M. Macdonald.
Ensign, USN (T)

Meridian to 4:00 p.m.
Received the following supplies from Cohen & Co. 200# Chickens, 138# pears, 76# Celery, and 50# pepper. 350# bread from Berhalter Bakery.
Eggan, E.I. CMM USNRF transferred to Great Lakes Naval Training Station.
3:52 Firing squad returned.

J. E. Flanders Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
Shoved off visitors at 5:00. 55 Men sent to Box party.
5:59 Capt. Rutter ashore.

L. A. Hanley Ensign, USNRF-4 lah.

6:00 p.m. to 8:00 p.m.
No Remarks.

E. K. Fuller
Ensign, USNRF-4 ekp

8:00 p.m. to Midnight.
No Remarks. L. A. Hanley Ensign, USNRF-4 lah.

Approved: L. R. Rutter
Lieutenant Commander, USNRF-2
Commanding Offider.

Examined: G. Helwig
Lieutenant , USNRF-1
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO _____, 29 Sept 1918, 191

L.R. RUtter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NR	1	29.16	63	57	54		b				
2									NR	1	29.16	62	57	54		b				
3									NR	1	29.18	62	57	54		b				
4									NR	1	29.18	62	57	54		b				
5									NR	1	29.18	62	57	54		b				
6									SSW	1	29.21	62	57	54		b				
7									SW	1	29.21	62	53	50		b				
8									SW	1	29.24	61	57	54		bcz	s		2	
9									SW	1	29.24	62	58	55		bcz	s		3	
10									SW	1	29.25	62	62	59		bcz	s		2	
11									W	1	29.25	62	63	60		bcz	acu		7	
12									NW	1	29.25	62	64	61		bcz	acu		9	
P. M.																				
1									WXS	1	29.23	65	63	60		bcz	acu		8	
2									WXS	1	29.23	64	64	61		bcz	acu		7	
3									NNW	1	29.22	64	66	63		bcz	acu		8	
4									NNW	1	29.22	64	66	63		bcz	acu		8	
5									NEXN	1	29.23	66	58	55		bcz	acu		8	
6									NEXE	1	29.23	67	58	55		bcz	acu		7	
7									NE	1	29.24	66	57	54		bcz	acu		5	
8									NEXN	1	29.25	63	56	53		bcz	acu		4	
9									NEXN	1	29.25	63	55	52		bc	acu		4	
10									NE	2	29.25	63	55	52		bc	acu		5	
11									NE	2	29.27	62	55	52		bc	acu		5	
12									NE	1	29.26	62	55	52		bc	acu		6	

8 a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

8 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum	A-1 70	A-2 69
Minimum	68	66

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. { Received _____ Expended 4.8 On hand 125.2

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended 384 On hand 768

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 29 Sept 1918

REMARKS.

Commences and until 4:00 a.m.
At anchored in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of ~~wa~~ chain at water edge. Both boilers steaming for auxiliary purposes.

J. E. Flanders
Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
No Remarks.

R. M. Macdonald
Ensign, USN (T)

8:00 a.m. to Meridian
8:40 H.H. Frese and M.P.Anderson reported aboard from Marine hospital, Detriot Mich. Safar R. and Ruggles C.V. overleave 1 hour and 50 minutes. C.F. Sargant S26 left ship for hospital with diag. Mumps. 10;30 Church party shoved off.

E. K. Fiedler
Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
52 men ashore to participate in Liberty Loan campaign. (F2c)
1:17 Church party returned. 1:30 Ruckle, R.C. returned from 11 days leave. (E2c) 3:40 Van Dyke M.E. returned from 11 days leave.

R. M. Macdonald
Ensign, USNRF (T)

4:00 to 6:00 p.m.
No Remarks.

J. E. Flanders
Ensign, USNRF-4 jef

6:00 p.m. to 8:00 p.m.
No Remarks.

R. M. Macdonald
Ensign, USN (T)

8:00 p.m. to Midnight.
11:55 Liberty Loan detail returned.

E. K. Fiedler
Ensign, USNRF-4 ekp

Approved: L. R. Ruiter
Lieutenant Commander USNR
Commanding Officer.

Examined: K. Holmgren
Lieutenant USNRF-1 U. S. N., Navigator.

4—2529

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 30 Sept 1918, 191

L.R.Rutter, Lieut. Comdr. USNR, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NE	1	29.28	69	58	55		bc	cis		8	
2									NE	1	29.29	62	55	52		bc	cis		8	
3									NE	1	29.29	61	55	52		bc	cis		8	
4									NE	1	29.29	61	55	52		bc	as		8	
5									ENEN	1	29.31	60	54	51		bc	as		8	
6									NE	1	29.33	60	55	52		bc	as		7	
7									ENE	1	29.37	60	54	51		bc	as		10	
8									ENE	1	29.38	60	55	53		bc	scu		6	
9									ENE	1	29.39	60	55	53		bc	scu		5	
10									ENE	1	29.40	60	55	53		bc	scu		5	
11									ENE	2	29.42	58	53	50		bc	scu		6	
12									ENE	1	29.43	58	53	50		bc	scu		6	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

	A-1	A-2
Maximum	70	68
Minimum	69	67

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended 5.3 On hand 120.0

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received 3076 Expended 214 On hand 3278

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NE	1	29.43	60	55	52		bc	scu		7	
2									NE	1	29.44	60	56	53		bc	as		8	
3									SSE	1	29.44	60	56	53		bd	as		8	
4									SSE	1	29.46	60	56	52		bcz	as		5	
5									SEXS	1	29.47	60	55	52		bcz	as		3	
6									SEXS	1	29.47	60	54	51		bcz	as		4	
7									S	1	29.48	61	53	50		bcz	as		4	
8									S	1	29.49	61	53	50		bcz	as		4	
9									SW	1	29.50	61	52	49		b				
10									SW	1	29.52	60	52	49		b				
11									SW	2	29.52	60	53	50		b				
12									SW	2	29.52	60	53	50		b				

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX 30 Sept 1918.

REMARKS.

Commences and until 4:00 a.m.
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 25 fathoms of 1 Starboard chain at water edge. ~~Both~~ boilers #1 & 2 in use for ~~steaming~~ for auxiliary purposes.

P. M. Macdonald
Ensign, (T) USN

4:00 a.m. to 8:00 a.m.
Liberty party returned with no absentees.

J. E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian.
9:03 Yanic underway. 9:05.16 men sent ashore for pall-bearers 9:35 Another firing squad shoved off. 9:40 Capt. Rutter aboard. 9:45 Morton C.K. S2c Transferred to the Marine hospital Chicago. Diag. Mumps. 9:55 Stores aboard. 197# pork loins, 100# beef tongue from O.F. Mayer. 100# frankfurters, 100# hamburger, 123# beef liver form Arnold Bros. 10:00 Prepared to get underway. 10:13 Underway. 10:59 Taking on water. 12:00 Anchored in Chicago Harbor with 20 fathoms of chain at water edge.

L. A. Hanley Ensign, USNRF-4 lah

Meridian to 4:00 p.m.
The following supplies received and inspected by Medical Officer. 1016# bread, ~~200~~ from S. Houston & Co.; 200 lbs. of sweet potatoes, 150 lbs of tomatoes, 150 lbs of peaches, 189 lbs. of butter, 4 cases of eggs; 1016 lbs. of bread from Schulz and Co.; 150 lbs. cabbage, 200 lbs. onions, 250 lbs apples, 5000 lbs. potatoes from the North Shore Fruit Co. Morgan L. Sea2c transferred to Marine Hospital, Chicago, Illinois. Darling M.C. returned from leave at 1 P.M. Dodge F. SC4c returned on leave. Hogan J.C. sea returned from leave 1:30 P.M. Plumbing fixtures from Chicago Engineering supplies Co..

E. K. Tutelow
Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m.
Received from Morris and Co. 100 lbs. Salt Pork. At 4:10 Morenz W.H. Sea USN and Riffer W.H. MM-1 USNRF returned from 12 days leave.

R. M. Macdonald
Ensign USN (T) ~~Mac~~

6:00 p.m. to 8:00 p.m.
The following men reported in from furloughs at 6:p.m. . None over leave. Martin M. Cox. USNRF, Martin P.H. Sea USN, Lamoureaux, H.S. BM2c USN, Flow H.H. Sea USN, Boyle M.H. Sea USN, Watkins F.A. Sea2c USN, Mc Dannel G.P. MM1c USNRF,. At 7:50 Harrington B.M. WT, USNRF reported on board from Great Lakes after having reported there at the expiration of his furlough.

J. E. Flanders Ensign USNRF jef

8:00 p.m. to Midnight.
No remarks

L. A. Hanley Ensign USNRF lah

Approved: L. R. Rutter
Lieutenant Commander, USNR
Commanding Officer

Examined: G. Malonigo
Lieutenant USNRF-1
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP _____

AT OR EN ROUTE FROM _____ TO _____, _____, 191

_____, _____, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current. Set	
Current. Drift	

MAGAZINE TEMPERATURES:

Maximum _____

Minimum _____

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

(This page to be sent to Bureau of Navigation monthly.)

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. ESSEX

_____ Rate,

COMMANDED BY

G.L. Holsinger, Lieutenant USNRF-1, U. S. Navy,

Attached to _____ Division,
_____ Squadron,
_____ Fleet,

Commencing 1 October, 1918,

at Chicago, Illinois,

and ending 31 October, 1918,

at Chicago, Illinois.

1915.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

GOD BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX RF-1, commanded by G.L. Holsinger, U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 October, 1918, to 31 October, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
G.L. Holsinger	Lieut. USNRF-1	5/22/18		
R.M. Macdonald	Ensign (T) USN	9/21/18		
C.E. Crone	Ensign USNRF-4			
Seeley, J.P.	Ensign USNRF-4	10/6/18		
Flanders, J.E.	Ensign USNRF-4	9/4/18		
Hanley, L.A.	Ensign USNRF-4	9/4/18		
Ashworth, S.E.	Ensign USNRF-4	10/4/18		
Wood, G.W.	Lieut. Med. Corps USNRF-2	3/15/18		
Wright, R.E.	Ensign Pay Corps USNRF-4	4/13/18		
Krause, J.	Carpenter (T) USN	10/15/17		
Pilcher, E.K.	Ensign USNRF-4	8/31/18	10/20/18	U.S.S. WILMETTE

Examined and found to be correct.

R.M. Macdonald
Ensign (T) USN Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, 31 October, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	1
3	Boatswain's Mates, first class	0
2	Boatswain's Mates, second class	1
6	Coxswains	2
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	
	Gunner's Mates, second class	
2	Gunner's Mates, third class	1
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	0
1	Chief Quartermaster (Signals)	1
2	Quartermaster, first class	0
2	Quartermaster, second class	0
2	Quartermaster, third class	3
50	Seamen	18
75	Ordinary Seamen	0
	Apprentice Seamen	
	Total	28
	ARTIFICER BRANCH.	
1	Chief Electrician	2
1	Electricians, first class	1
1	Electricians, second class	1
2	Electricians, third class	2
1	Chief Electrician (Radio)	0
1	Electricians, first class (Radio)	0
1	Electricians, second class (Radio)	0
1	Electricians, third class (Radio)	0
1	Chief Carpenter's Mate	1
1	Carpenter's Mates, first class	2
	Carpenter's Mates, second class	1
1	Carpenter's Mates, third class	2
1	Shipwrights	0
1	Shipfitters, first class	2
	Shipfitters, second class	
	Blacksmiths	1
1	Plumbers and Fitters	0
1	Sailmaker's Mates	0
	Printers	
	Painters, first class	1
	Painters, second class	1
LEg	Painters, third class	2
	Total 19	
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	3
3	Machinist's Mates, first class	2
3	Machinist's Mates, second class	1
1	Chief Water Tenders	1
2	Water Tenders	2
1	Boiler Maker	1
	Blacksmiths	1
1	Coppersmiths	1
3	Oilers	4
6	Firemen, first class	2
6	Firemen, second class	2
6 F3c	Coal Passers	1
	Total 21	
	SPECIAL BRANCH.	
	Chief Yeoman—Commanding Officer	
	Chief Yeoman—Equipment Department	
4	Chief Yeoman—Pay Department	2
	Chief Yeoman—Engineer Department	
	Chief Yeoman—Executive Officer	
	Yeoman, first class—Commanding Officer	
	Yeoman, first class—Equipment Department	
	Yeoman, first class—Executive Officer	
5	Yeoman, first class—Pay Department	0
	Yeoman, first class—Engineer Department	
	Yeoman, first class—Ship's Store	
	Yeoman, second class—Commanding Officer	
2	Yeoman, second class—Ordnance Officer	0
	Yeoman, second class—Executive Officer	
	Yeoman, second class—Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—ctd.—Pay Department	
	Yeoman, second class—ctd.—Engineer Department	
	Yeoman, second class—ctd.—Ship's Store	
	Yeoman, third class—Commanding Officer	
	Yeoman, third class—Equipment Department	
2	Yeoman, third class—Pay Department	3
	Yeoman, third class—Ship's Store	
	Yeoman, third class—Engineer Department	
	Yeoman, third class—Navigator	
	Yeoman, third class—Executive Officer	
	Hospital Steward	
1	Hospital Apprentices, first class	0
	Hospital Apprentices	
2	Buglers	1
	Bandmaster	
	First Musician	
LY	Musician, first class	1
PhM2c	Musicians, second class	1
	Total 8	
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	1
	Commissary Steward	
1	Ship's Cooks, first class	3
1	Ship's Cooks, second class	1
1	Ship's Cooks, third class	1
2	Ship's Cooks, fourth class	3
1	Bakers, first class	1
	Bakers, second class	1
	Total 11	
	MESSMEN BRANCH.	
1	Cabin Steward	0
1	Cabin Cook	1
1	Mess Attendant	1
1	Wardroom Steward	0
1	Wardroom Cook	2
4	Mess Attendants	3
1	Mess Attendants (Laundry)	1
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total 8	
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendants	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

4—2599

Examined and found to be correct.

R. M. Macdonald
Ensign (T) USN
Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ESSEX

MAIN BATTERY.

GUNS. No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.	REMARKS.	SHIP AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	REMARKS.
1	3 pdr.	50	X 1	X					
2	do	do	X 1	X					
3	do	do	X	X					
4	do	do	X	X					
5	do	do	X	X					
6	do	do	X	X					

SECONDARY BATTERY.

GUNS. No.	Cal.	Mark and Modifications.	REMARKS.	SHIP, BOAT, AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	REMARKS.

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	REMARKS.

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

P. M. Macdonald
Ensign (T) USN Navigator.

4—2598

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. ..... ON BOARD THE U. S. S. .....

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.						
ANEROID BAROMETER.						
THERMOMETER (Dry Bulb).						
THERMOMETER (Wet Bulb). (Psychrometer.)						

Examined and found to be correct.

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

UNITED STATES SHIP ESSEX 1 October 1918

REMARKS.

Drills and Exercises.

Gen. Quarters

Abandon Ship

Fire and Collision

Boats under oars and sails.

Target Practice

Sweeping

Steering Gear

Provisioning Ship

Coaling Ship

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois, TO Great Lakes, Ill. 1 Oct 1918 191
and from Great Lakes to Chicago Ill.
L.R. Rutter, Lieut. Comdr. USNR, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.52	60	50	47		b				
2									SSW	1	29.52	60	48	45		b				
3									SSW	1	29.52	60	49	46		b				
4									SSW	1	29.52	60	49	46		b				
5									SWXS	1	29.52	57	56	53		b				
6									SWXS	1	29.55	58	56	53		bcf	as		2	
7									SWXS	1	29.58	57	58	55		bcf	as		5	
8									SXW	2	29.58	57	58	55		bcf	as		10	
9									S	2	29.58	56	52	49		bcf	as		10	
10									S	2	29.58	56	54	51		bcz	as		10	
11									S	2	29.56	56	54	51		bcz	as		10	
12	2	3	2	3	74	7	542420	348	SSE	3	29.54	56	54	51		bcz	as		10	

Lat. a. m. Latitude .....
Long. a. m. Longitude .....
Noon. Latitude .....
Noon. Longitude .....
Lat. p. m. Latitude .....
Long. p. m. Longitude .....
Current Set .....
Current Drift .....

Magazine Temperatures:
Maximum A-1 70 A-2 67
Minimum 69 66

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. Received .....
Coal. Expended 4.5
Coal. On hand 115.4

Fuel oil. Received .....
Fuel oil. Expended .....
Fuel oil. On hand .....

Water. Distilled .....
Water. Received 704
Water. Expended 718
Water. On hand 3264

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Cox. Ex-caliber	
2	practice	
3	Q.M. Semaphore	
4	and flag hoists	
5	G.M. Boats under	
6	oars and sails.	
7		
8		
9		

P. M.																				
1	8	8	11	1	82	8	547058	322	SSE	2	29.51	59	55	535		ocz	as		10	
2	8	9	20		83		552028	322	SE	2	29.47	60	55	53		ocz	as		9	
3	6	5	26	5	82	8	556373	290	SE	2	29.43	60	55	52		ocz	as		9	
4									SXW	2	29.43	60	54	51		ocz	as		10	
5									SXW	2	29.42	58	50	47		ocz	n		10	
6									SXW	2	29.40	58	50	47		ocz	n		10	
7	4	9	4	9	80	9	559290	148	SSE	3	29.36	57	52	49		ocz	n		10	
8	8	6	13	5	85		564390	148	SSE	3	29.36	57	54	51		ocz	n		10	
9	8	7	22	2	85		569490	175	SSE	2	29.35	59	55	52		ocz	n		10	
10	4	2	26	4	79	3	574248		SSW	1	29.35	59	55	52		ocz	n		10	
11									SWXW	1	29.34	59	54	51		oc	n		10	
12									SSW	1	29.34	59	55	52		oc	n		10	

(This page to be sent to Bureau of Navigation monthly.)

ADDITIONAL SHEET.

U. S. S. ESSEX Date 1 Oct. 1918, 191

4:00 p.m. to 6:00 p.m. (continued)
Anderson, F.W., S2c USNRF, Thatcher A.W. S2c, USNRF and Gildea H.E. S2c, USNRF were transferred to the U.S. Naval Hospital, Great Lakes, Illinois. 5:16 p.m. USS YANTIC underway.

E. K. Fiddes
Ensign, USNRF-4 ekp

6:00 p.m. to 8:00 p.m.
6:01 Made preparations to get underway. 6:25 Got underway on course 90 psc. 6:29 Changed course to 148° psc. Gross Pt. light sighted at 7:18. Average steam 177 lbs. Av. Rev. 84.5. Miles made good: 16.

R. W. Macdonald
Ensign, (T) USN

8:00 p.m. to Midnight.
Steaming on course 145° psc at standard speed of 80 RPM. 8:00 p.m. Took 45° bearing on Gross Pt. light, PLR 13.2 8:17 Took beam bearing on Gross Pt. light PLR 15.8 distance miles when abeam. 8:38 Changed course to 175° psc PLR 18:8 knots. Took on 704 gal. fresh water between 8:30 and 9:00 p.m. 9:33 Took in patent log when abeam Carter Harrison Crib reading 26.4. 9:33 Changed course to 180° psc. Captain conning, with various couses into Chicago Harbor. 10:04 p.m. at anchor in Chicago Harbor in 3 1/4 fathoms of water, with starboard anchor out with 20 fathoms of chain at water edge. 10:10 Carver, A.D. EM1c USN, left on 7 days leave of absence expiring at 8:00 a.m. Oct. 9, 1918. Barometer falling slowly. S.W. wind. Occasional showers.

J. E. Flanders
Ensign, USNRF-4 jef

Approved:
G. Malanyaz
Lieutenant USNRF-1
Commanding Officer

Examined:
C. E. Crane
Ensign, USNRF-4
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ADDITIONAL SHEET.

Approved:

Examined:

U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... Essex 1 October, 1918

REMARKS.

Commences and until 4:00 a.m.
At anchor in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of chain at the waters edge. Both boilers in use for auxiliary purposes. Barometer steady.

E. K. Tilden
Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.
Carried out morning orders.

R. M. Macdonald
Ensign, (T) USN

8:00 a.m. to Meridian.
At 9:00 a.m. received one 31/4" Brockton steam regulator from Chicago Engineer Supply Co. Harrington, B.M. WT, USNRF-2 transfered to USS COMMODORE. At 9:45 Vassar, C.B. GMlc, USNRF-4 reported on board from leave of absence. At 10:20 started preparations to get underway. At 11:00 Received on boatd 100 lbs. bacon from Morris & Co. At 11:25 anchor weighed and underway with Captain conning ship. At 11:56 took course 348° psc. At 11:57 Carter Harrison Crib abeam. PLR 1.8 k. Made daily inspection of magazines and S.P. Samples, conditions normal.

J. E. Flanders Ensign, USNRF-4 jef

Meridian to 4:00 p.m.
At 12:37 abeam Rogers Park Buoy at 12:43 changed course to 322 psc At 12:52 bow and beam bearing on gross pt. distance 2.64 miles. At 2:33 changed course to 290°psc At 2:54 let go starboard anchor with 20 fathoms of chain at the waters edge. 7:54 anchored at Great Lakes, At 3:50 steam launch alongside towing cutter.

L. A. Hanley Ensign, USNRF-4 lah

4:00p.m. to 6:00 p.m.
The following named men were transfered to the Gunner's Mates School:

Antibus, E.	Caffery, R.W.	Edwards, H.H.	Guckenberger, S.V.
Augustus, R.S.	Carson, C.L.	Ekstrom, W.E.	Hayes, R.M.
Bessely, A.B.	Caton, L.L.	Everhart, E.	Hill, W.C.
Bolman, L.W.	Cavanaugh, T.P.	Feldt, S.E.	Hirschman, R.F.
Braun, F.H.	Chojnowski, S.F.	Fish, K.C.	Johnson, F.L.
Brown, W.A.	Cobbs, E.	Fletcher, M.A.	Inda, A.
Broyles, W.C.	DeHass, L.M.	Gates, L.B.	Kainer, R.C.
Burger, S. Burger	Dopke, T L	Gebhart, R.I.	Morlan, G.E.
Burger, R.E.	Dorrance, W.M.	Geleide, C.A.	Hunt, L.E.
Burns, M.R.	Duncan, J.L.	Gruesser, H.W.	Ellington, I.C.
	Eback, E		

The following named men were transfered to the Quartermaster, school:

Peterson, E.C.	Vos, J.	Trefry, L.F.	Kendall, O.S.
Sakody, S.	Chambers, K.E.	Wichmann, L.J.	Serviss, T.K.
Wilson, A.E.	Bandel, E.C.	Pestai, L.A.	Brisendine, C.E.
Young, E.E.	Brownell, J.C.	Berlinski, B.J.	Hall, B.J.
Bergdahl, G.S.	Fentress, J.W.	Franzen, V.E.	Maynard, A.C.
Konig, E.	Halliburton, L.	Shulhafer, I.J.	Snell, R.J.
Schmidtke, F.W.	Hastings, E.C.	Wilson, J.C.	Berger, C.J.
Shannon, F.W.	Hecklinski, B.J.	Winkler, L.C.	Brunner, R.A.
Stark, E.L.	Moore, N.A.	Culver, R.A.	Brott, E.L.
			Carrick, H.

The follwoing named men were transfered to the Coxswain's School: Persgard, O

Miller, F.B.	Roy, A.L.	Walls, L.L.	Conway, E.L.	Lampkin, P.H.
Meabon, R.W.	Roberts, W.C.	Wolf, J.J.	Cameron, L.M.	Lucius, J.E
Monnich, R.C.	Schwartz, H.P.	Whitlach, W.E.	Diamond, E.J.	Nehlson, H.W
Newkirk, C.H.	Scott, P.E.	Yutze, C.E.	Dean, F.	Osborn, W.C.
Oldham, S.W.	Scheern, R.H.	Ackerson, E.J.	Frainer, L.J.	Shelton, W.B.
Quist, R.W.	Scheel, F.M.	Allen, R.E.	Fausone, J.L.	Swanson, E.O.
Rowley, W.W.	Seiga, E.J.	Brink, B.	Kohn, W.W.	Tolan, J.J.
Roy, A.L.	West, E.E.	Braun, O.E.	Lange, W.E.	Brunnell,
Regner, R.J.				
Rob				

E. K. Tilden

Approved:
Lieutenant USNRF-1,
Commanding Officer.

Examined:
U. S. N., Navigator.

4—3599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 2 Oct. 1918, 191

G:L: Helsinger, USNRF-1, Lieutenant S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSW	1	29.32	61	56	53		be	n		10	
2									SSW	1	29.32	61	55	52		be	n		10	
3									W	1	29.31	61	55	53		be	n		10	
4									W	1	29.31	61	54	51		be	n		10	
5									W	1	29.32	60	53	50		be	as		10	
6									NW	2	29.34	59	53	50		bez	as		10	
7									NW	2	29.35	58	52	49		bez	as		10	
8									NW	1	29.35	58	50	48		bef	as		10	
9									NW	1	29.37	58	52	49		bef	as		10	
10									WNW	1	29.38	57	57	54		bef	as		10	
11									WNW	1	29.38	57	57	54		bef	ci		10	
12									WNW	1	29.40	57	60	57		bef	ci		10	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:

Maximum	A-1	71	A-2	67
Minimum		69		66

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended 13.5 On hand 101.8

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 320 On hand 2944

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SSE	1	29.38	58	60	57		bef	s		5	
2									ESE	1	29.37	60	59	56		bef	s		6	
3									ESE	1	29.36	61	61	58		bef	s		5	
4									ESE	2	29.37	60	59	56		bef	s		4	
5									ESE	1	29.38	60	60	58		bez	s		8	
6									S	1	29.38	61	58	55		bez	ci		4	
7									S	1	29.38	61	58	55		bez	ci		3	
8									S	1	29.38	62	58	55		bez	ci		1	
9									S	1	29.38	61	61	58		bez	cis		1	
10									W	2	29.38	62	61	58		bc	cis		1	
11									WXW	3	29.39	62	61	58		b	cis		1	
12									WXW	2	29.39	62	61	58		b				

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 2 Oct 1918

REMARKS.

Commences and until 4:00 a.m.
No Remarks.

L. A. Hanley Ensign, USNRF-4 lah

4:00 a.m. to 8:00 a.m.
Morning orders carried out.

E. K. Pilcher Ensign, USNRF-4 ekp

8:00 a.m. to Meridian.
1:03 Bedell, S.O. PhM3c, left the ship on 16 days leave. Inspected S.P.samples and Magazine, condition normal. 9:00 Mustered at quarters. 10:45 Use of #2 boiler discontinued.

R. M. Macdonald Ensign, (T) USN

Meridian to 4:00 p.m.
Davis, B.L. granted an extension of 48 hours on furlough. 3:20 Rigg V.T. S2c USN and Cullico P. F2c USN reported in from furlough expiring at 6 p.m. of this date. Painted all boats.

J. E. Flanders Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
4:20 Gopher standing in . 4:30 Gopher anchored. 4:45 MITchell G.R. returned from leave to expire at 6 p.m. 10/2/18.

L. A. Hanley Ensign, USNRF-4 lah

6:00 p.m. to 8:00 p.m.
No Remarks.

E. K. Pilcher Ensign, USNRF-4 ekp

8:00 p.m. to Midnight.
No Remarks.

R. M. Macdonald Ensign, USN(T)

Approved: L. W. Halsey
Lieutenant USNRF-1,
Commanding Officer

Examined: C. C. Crane
Ensign, USNRF-4
U. S. N., Navigator.

4—2096

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO , 3 Oct 1918, 191

G.L. Holsinger, Lieutenant USNRF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water At Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WNW	2	29.40	62	56	53		bz				
2									WNW	2	29.42	61	55	52		bz				
3									WNW	2	29.44	61	54	51		bz				
4									NW	2	29.45	61	55	50		bcz	ci		3	
5									NW	1	29.46	61	52	49		bz				
6									NW	1	29.51	61	52	49		bz				
7									NW	1	29.53	58	50	47		bcz	s		4	
8									NXW	1	29.56	55	54	51		bcz	s		2	
9									NXW	1	29.57	55	55	52		bcz	acu		1	
10									N	1	29.60	55	56	53		bcz	acu		2	
11									N	2	29.60	57	56	53		bcz	cis		2	
12									NXE	1	29.59	57	57	54		bcz	cis		3	
P. M.																				
1									ENE	1	29.60	59	56	53		bc	cis		2	
2									NEXN	1	29.58	57	56	53		bc	cis		1	
3									ENE	1	29.58	58	57	54		bc	cis		2	
4									NE	1	29.55	58	56	53		bc	cis		2	
5									NE	1	29.55	58	56	53		bc	cis		2	
6									NE	1	29.57	58	56	53		bc	cis		3	
7									SSE	1	29.57	58	56	53		bc	cis		3	
8									SSE	1	29.57	58	56	53		bc	cis		3	
9									SSE	1	29.57	58	56	53		bc	cis		3	
10									SSE	1	29.57	58	56	53		bc	cis		3	
11									SSE	1	29.56	58	56	53		bc	cis		3	
12									SSE	1	29.54	60	56	53		bc	cis		3	

a. m. Latitude / Longitude

Noon. Latitude / Longitude

p. m. Latitude / Longitude

Current: Set / Drift

MAGAZINE TEMPERATURES:

Maximum	A-1 70	A-2 67
Minimum	69	66

Compass

S. H

Error

Variation

Deviation

Coal: Received / Expended: 3.6. / On hand 98.1

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended 352 / On hand 2592

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Ex-caliber	Ex-caliber practice
2	practice	
3		
4		
5		
6		
7		
8		
9		

4—2569

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 3 Oct 1918

REMARKS.

Commences and until 4:00 a.M.
At Anchor in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of starboard chain at water edge. Barometer rising.

J.E. Flanders Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
4:20 Let off #2 boiler. 6:00 #2 boiler formed steam. 7:15 #2 boiler cut in, carried out morning orders.

L.A. Hanley Ensign, USNRF-4 lah

8:00 a.m. to Meridian.
Crew scrubbing hammocks. S.P. samples and Magazine inspected, condition normal. 10:00 Guns one ond five open fire with ex-caliber. Gun secured 11:00 . 11:38 Funeral party ao firing squad, 6 ball bearers, and bugler, Brown CGM USN shoved off.

E.K. Pickett Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
Routine.

R.M. Macdonald Ensign, USNRF (T)

4:00 p.m. to 6:00 p.m.
O'Bryan, O.B. WT transferred to the USS City of South Haven. Liberty party shoved off.

J.E. Flanders Ensign, USNRF-4 jef

6:00 p.m. to 8:00 p.m.
No Remarks.

R.M. Macdonald Ensign, USN (T)

8:00 Pp m. to Midnight.
11 :00 Motor boat disabled, 11:19 Temperarily repaired C.W. Rolff, CY USNRF-4 , A.O.L. because of sickness.

E.K. Pickett Ensign, USNRF-4 ekp

Approved: L.A. Hanley Lieutenant, USNRF-1 Commanding Officer

Examined: C.E. Crandall Ensign, USNRF-4 U. S. N., Navigator.

4—2098

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO ....., 4 Oct. 1918, 191

G.L. Holsinger, Lieutenant USNRF-1 U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SEXS	1	29.53	61	56	53		cf	cis		4	
2									SSE	1	29.~~53~~	61	57	54		~~bc~~	~~c~~is		3	
3									SSW	1	29.52	60	56	53		bcz	cis		2	
4									SSW	1	29.52	60	57	54		bcz	cis		5	
5									SSW	1	29.51	61	56	53		bcz	cis		8	
6									SW	1	29.50	59	56	53		bcz	cis		8	
7									S	1	29.50	59	56	53		bcz	cis		7	
8									S	1	29.50	59	56	53		bcz	cis		6	
9									SXE	1	29.46	60	56	53		bcz	cis		6	
10					68	8	577210		SXE	1	29.46	61	59	56		bcz	c~~i~~s		6	
11					50		580210		SXE	2	29.42	62	63	60		bcz	cis		6	
12					59	2	583760		SXW	2	29.38	64	66	63		bcz	cis		6	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum A-1 70 A-2 67

Minimum 67 66

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 7.5 On hand 90.8

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended 384 On hand 2208

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Sub-caliber	Ex-caliber
2	practice	practice
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SW	5	29.33	64	72	69		bcz	c~~i~~s		3	
2									SW	5	29.28	68	73	70		bcz	cis		3	
3									SW	6	29.25	66	76	73		bcz	ci		3	
4									SW	6	29.23	66	78	73		bcz	ci		5	
5									SXW	5	29.20	67	78	75		bcz	s		8	
6									SXW	5	29.20	68	78	74		c~~b~~z	a~~s~~		10	
7									SSW	5	29.19	70	77	71		coz	as		10	
8									SSW	6	29.16	70	74	70		coz	scu		10	
9									SWXS	6	29.16	72	73	69		coz	scu		10	
10									SWXS	5	29.16	72	72	69		coz	scu		10	
11									SWXS	5	29.14	72	72	69		co	scu		10	
12									SWXS	5	29.12	72	72	69		co	scu		10	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 4 Oct.1918

REMARKS.

Commances and until 4:00 a.m. (Starboard anchor and with)
Anchored in Chicago Harbor in 3 1/4 fathoms of water with
20 fathoms of ~~Starboard~~ cable at water edge. Both boilers in use for auxiliary purposes.

R.M. Macdonald
Ensign, USN (T)

4:00 a.m. to 8:00 a.m.
All hand scrubbing bags and hammocks.

J.E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian.
9:16 Underway. 9:25 Standing out south gap for Ex-caliber practice. Tested liafe buoys and Magazine flood cocks; Found O.K.

L.A. Hanley Ensign, USNRF-4 lah.

Meridian to 4:00 p.m.
1:00 began firing, sub-caliber. 1:50 cease firing, secured batteries. 2:42 at anchor in Chicago Harbor in 3 1/4 fathoms of water, with 30 fathoms of chain at water edge. Ensign Ashworth reported aboard for duty.at 4:00. Barometer falling.

E.K. Ashworth
Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m.
No Remarks.

R. M. Macdonald
Ensign, (T) USN

6:00 p.m. to 8:00 p.m.
Barometer fallingsteadily.

R. M. Macdonald
Ensign, (T) USN

8:00 p.m. to Midnight.
Liberty party returned.

L.A. Hanley Ensign, USNRF-4 lah.

Approved:
G. W. Holmes
Lieutenant, USNRF-1,
Commanding Officer.

Examined:
C. C. Crowell
Ensign, USNRF-4
U. S. N., Navigator.

4—2506

(This page to be sent to Bureau of Navigation monthly.)

Page ....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 5 Oct 1918, 191

G.L. Holsinger, Lieutenant USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SSF	5	29.09	72	72	69		bcz	as		8	
2									SSE	5	29.0&	72	71	68		bcz	as		8	
3									SWXS	6	29.04	74	72	69		bcz	as		8	
4									SWXS	6	29.02	74	72	69		bczbcz	as		5	
5									SW	5	29.02	74	74	71		bcz	as		7	
6									SW	4	29.01	74	74	71		cz	as		8	
7									SW	3	29.98	75	73	70		cz	scu		10	
8									SW	3	28.99	75	73	70		co	scu		10	
9									SW	3	29.01	75	72	70		zor	nim		10	
10									SW	2	29.00	72	72	70		coz	nim		9	
11									SW	2	28.98	72	72	70		ocz	nim		6	
12									SW	2	28.98	72	73	82		bcz	nim		7	
P. M.																				
1									SW	2	28.97	73	78	75		bcz	scu		6	
2									SW	2	28?94	74	80	77		bcz	scu		6	
3									WXS	2	28.92	74	82	79		bcz	scu		6	
4									WXS	2	28.92	75	82	77		bcz	scu		6	
5									WXS	1	28.91	75	80	77		bcz	scu		6	
6									WXS	1	28.91	75	80	77		bcz	scu		6	
7									WXS	1	28.92	75	80	76		bcz	scu		6	
8									WXS	1	28.92	75	80	71		bcz	scu		6	
9									WXS	1	28.92	75	74	67		bcz	as		6	
10									WXS	1	28.92	75	71	66		bcz	as		4	
11									WXS	1	28.92	74	69	65		bcz	as		8	
12									WXS	1	28.92	73	68	65		bcz	as		4	

8 a. m. Latitude ....
Longitude ....

Noon. Latitude ....
Longitude ....

8 p. m. Latitude ....
Longitude ....

Current Set ....
Drift ....

Magazine Temperatures:
Maximum A1 70 A2 67
Minimum 68 66

Compass ....
S. H ....
Error ....
Variation ....
Deviation ....

Coal. Received ....
Expended 7.7
On hand 83.0

Fuel oil. Received ....
Expended ....
On hand ....

Water. Distilled ....
Received ....
Expended ....
On hand ....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ..... Essex ..... 5 Oct. 1918

REMARKS.

Commencing and until 4:00 a.m.

At anchor in Chicago Ill. in 3 1/4 fathoms of water. Starboard anchor out with 30 fathoms of chain at the waters edge. Both boilers in use for auxiliary purposes. Barometer falling.

E. K. Pilcher
Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.

Motor boat took on 20 gal. gasolene. Carried out morning orders.

R. M. Macdonald
Ensign, (T) USN

8:00 a.m. to Meridian

Made daily inspection of magazines and S.P. Samples, conditions normal. Received the following supplies aboard; 55 gal of minegar from B.A. Railton and CO. 125 lbs chicken from Cohem Co. Received supplies from G.S. K. Dept. GREAT Lakes, Ill.

J. E. Flanders
Ensign, USNRF-4 jef

Meridian to 4:00 p.m.

12:55 p.m. J.C. Beimer, Cox, USN and E.R. Brillhart, BM2c, USN transfered to Great Lakes, Naval Training Station. 1:30 p.m. 4000 lbs ice from Consumer's Ice CO. came aboard. 3:00 p.m. pay-day for enlisted men. 3:20 p.m. Crew sprayed for influenza. 4:00 p.m. shoved off li berty party.

L. A. Hartley
Ensign, USNRF-4 lah

4:00 p.m. to 6:00 p.m.

No remarks.

L. A. Hartley
Ensign, USNRF-4 lah

6:00 p.m. to 8:00 p.m.

No remarks.

J. E. Flanders
Ensign, USNRF-4 jef.

8:00 p.m. to Midnight.

Liberty party returned with no absentees. Barometer steady.

J. E. Flanders
Ensign, USNRF-4 jef.

Approved: G. Heberniger
Lieutenant, USNRF-1,
Commanding Officer.

Examined: L. E. Crowell
Ensign, USNRF-4
U. S. N., Navigator.

4—2999

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois. TO ....., 6 Oct. 1918, 191

G.L. Holsinger, Lieutenant USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WXS	1	28.95	73	62	59		bc	cis		4	
2									WXS	1	28.96	70	62	59		bc	cis		4	
3									WXS	1	28.97	68	62	59		bc	cis		4	
4									WXS	1	28.99	68	60	57		bc	cis		4	
5									WXS	1	29.02	67	59	56		bc	cis		4	
6									WXS	1	29.03	65	55	52		bc	cis		5	
7									WXS	1	29.07	65	57	54		bcz	cis		7	
8									WSW	1	29.08	67	59	56		bcz	cis		8	
9									NW	1	29.12	67	59	56		bcz	cis		7	
10									NW	1	29.12	67	59	56		bcz	cis		7	
11									NW	1	29.16	67	59	56		bcz	cis		7	
12									N	2	29.18	66	58	55		bcz	cis		7	
P. M.																				
1									N	2	29.22	62	54	51		bc	scu		9	
2									N	2	29.22	61	54	51		bc	scu		8	
3									N	2	29.22	61	53	50		bc	acu		4	
4									NXE	2	29.26	61	53	50		bc	acu		3	
5									NXE	2	29.27	61	52	49		bc	acu		8	
6									NNE	2	29.28	61	53	50		bc	acu		8	
7									NNE	2	29.32	61	53	50		bc	acu		6	
8									NNE	2	29.33	61	53	50		bc	acu		7	
9									NNE	2	29.33	61	52	49		bc	acu		8	
10									NNE	2	29.35	60	52	49		bc	acu		5	
11									ENE	2	29.36	60	52	49		bc	acu		5	
12									ENE	2	29.37	60	53	50		bc	acu		6	

3a. m. Latitude .....
Longitude .....

Noon. Latitude .....
Longitude .....

3p. m. Latitude .....
Longitude .....

Current { Set .....
Drift .....

Magazine Temperatures:
Maximum A-1 72 A-2 69
Minimum 70 67

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received .....
Expended 3.5
On hand 79.4

Fuel oil. { Received .....
Expended .....
On hand .....

Water. { Distilled .....
Received .....
Expended 160
On hand 1760

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
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4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 6 Oct. 1918

REMARKS.

Commences an until 4:00 a.m.
Anchored in 3 1/4 fathoms of water with 30 fathoms of chain at water edge. Both boilers in use fro auxiliary purposes.

L.A. Stanley Ensign, USNRF -4 lah

4:00 a.m. to 8:00 a.m.
Foster, E.E. QM3c, RF-2 detached to the Municipal Pier left at 7:55

E.K. Fletcher Ensign, USNRF-4 ekp

8:00 a.m. to Meridian.
Made daily inspection of Magazine and S.P.samples, condition normal. 9:00 Mustered at quarters. 9:50 Shoved off Church party. 10:57 Ensign J.P. Seeley reported aboard for duty in accordance with Bunav. letter of Sept 23, 1918. No. 32-o H 43676-1, and orders of Commandant, Great Lakes Training Station, Great Lakes, Ill.

R.M. Macdonald Ensign, (T) USN

Meridian to 4:00 p.m.
Liberty party shoved off. Barometer steady.

J.E. Flanders Ensign, USNRF-4 jef.

4:00 p.m. to 6:00 p.m.
Shoved off all visitors at 5:00.

L.A. Stanley Ensign, USNRF-4 lah

6:00 p.m. to 8:00 p.m.
No Remarks.

E.K. Fletcher Ensign, USNRF-4 ekp

8:00 p.m. to Midnight.
Liberty party returned. Huffine G.K. Sea. A.O.L.

R.M. Macdonald cEnsign, (T) USN

Approved: G. Watamuff
Lieutenant USNRF-1
Commanding Officer.

Examined: C.C. Crane Jr
Ensign, USNRF-4
U. S. N., Navigator.

4—2599

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Illinois. TO _____, 7 Oct. 1918, 191

G.L. Holsinger, Lieutenant USNRF-1 U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									NEXN	2	29.40	60	54	51		bc	scu		6	
2									NE	2	29.40	60	54	51		bc	scu		8	
3									NE	2	29.40	59	55	52		bc	scu		8	
4									NE	2	29.41	59	54	51		bc	acu		1	
5									ENE	2	29.42	59	54	51		bc	acu		2	
6									ENE	2	29.43	59	54	51		bc	acu		4	
7									ESE	2	29.47	59	54	51		bc	cis		4	
8									ESE	2	29.51	60	54	51		bc	cis		4	
9									ESE	1	29.54	60	53	55		bc	cis		5	
10									E	1	29.54	60	53	50		bc	cis		1	
11									E	2	29.54	61	54	51		bc	cis		2	
12									E	1	29.56	61	54	51		bc	cis		5	
P. M.																				
1									E	1	29.57	61	54	51		bc	cis		4	
2									E	1	29.59	61	55	52		bc	cis		4	
3									E	1	29.61	61	53	50		bc	cis		4	
4									E	1	29.62	62	54	51		bc	cis		4	
5									E	1	29.62	62	54	51		hc	cis		4	
6									E	1	29.49	64	58	55		bc	cis		5	
7									EXS	1	29.50	64	58	55		bc	cis		3	
8									SSE	1	29.50	64	59	56		bc	cis		2	
9									SE	3	29.50	64	54	52		bc	cis		8	
10									SE	3	29.50	64	54	52		hc	cis		8	
11									SE	4	29.50	64	54	52		bc	cis		10	
12									SE	4	29.50	62	54	51		bc	cis		10	

8 a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

8 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum	A-1 72	A-2 68
Minimum	68	67

Compass. _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. { Received 90. Expended 25. On hand 164.4

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended 324 On hand 1436

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

4—2509

UNITED STATES SHIP ESSEX 7 Oct. 1918

REMARKS.

Commences and until 4:00 a.m.
At anchored in Chicago Harbor in 3 1/4 fathoms of water, with starboard anchor out with 30 fathoms of chain at water edge. Both boilers steaming for auxiliary purposes. 1:10 Huffine G.K. Sea USNRf-2 reported in from liberty 1 hour and 40 minutes A.O.L.

J. E. Flanders Ensign, USNRF-4 jef

4:00 a.m. to 8:00 a.m.
Carried out morning orders.

L. A. Hanley Ensign, USNRF-4 lah.

8:00 a.m. to Meridian.
8:44 Gopher underway to coal dock. 9:00 Gopher moored at Coal Dock. 9:15 Yantic underway from Coal dock. 9:30 Yanitc at anchor. Condition of magazine and S.P. samples normal. 10;46 Underway to coal dock. 11:08 Moored to coal dock, draft 15'7" aft 13'2' forward. Took on 90 tons of coal from Pittsburg Coal Co. Chicago.

E. K. Pilcher
Ensign, USNRF-4 ekp

Meridian to 4:00 p.m.
12:05 Completed coaling ship, 90 tons taken aboard. 12:10 Got underway from coal dock. 12:20 Anchored as before in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of starboard cable at the water edge. 2:10 Gopher underway. 2:40 Gopher anchored at previous anchorage. Received the following supplies aboard: Armour & Co., 1 Cattle 710#, 1 Sheep 53#. Guggenheim Bros. 1 box. livers. Schultze Baking Co., 150 loaves bread. M. Cohen 50# green peppers., 1 bbl sweet potatoes. S. Houston &Son. 3 bunches bananas. Morris & Co. 2 boxes sausages. Arnold Bros. 75 # pork loins.

R. M. Macdonald
Ensign, (T) USN

4:00 p.m. to 6:00 p.m.
Received the following supplies aboard. 2 bbls. apples from North Shore Produce, inspected and accepted by Medical department. Received two bbls. (95) gal. of gasoline aboard from Standard Oil Co. 180# eggs from Weaver & Co.

J. E. Flanders Ensign, USNRF-4 jef

6:00 p.m. to 8:00 p.m.
Following supplies received, 110# Ham from Roberts& Oaks Co. Chicago.

L. A. Hanley Ensign, USNRF-4 lah

8:00 p.m. to Midnight.
No Remarks.

E. K. Pilcher
Ensign, USNRF-4 ekp.

Approved: T. Metzinger
Lieutenant USNRF-1,
Commanding Officer.

Examined: L. C. Crum
Ensign, USNRF-4
U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois? TO Great Lakes, Ill., 8 Oct. 1918, 191

G. L. Holsinger, Lieutenant USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dev Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SXE	3	29.50	60	52	49		bc	cis		3	
2									SXE	3	29.50	60	52	49		bc	cis		3	
3									SXE	2	29.50	60	51	48		bc	cis		3	
4									SXE	2	29.50	59	49	46		bc	cis		3	
5									SXE	2	29.50	59	49	46		bc	cis		3	
6									SXE	2	29.50	59	49	46		bc	cis		3	
7	3	2	3	2	75	8	598754	348	SXE	2	29.50	59	49	46		bc	cis		3	
8	9	6	12	8	82		603174	330	SXE	2	29.50	59	51	48		bcf	cis		3	
9	9	7	21	5	82	6	608130	330	SXE	2	29.48	59	53	50		bcf	cis		5	
10	6	1	27	6	66	9	612150		SXE	2	29.45	59	58	55		bcz	scu		7	
11									E	2	29.45	60	58	55		bcz	scu		8	
12									SXE	2	29.44	62	66	53		bcz	cicu		8	
P. M.																				
1									SSW	2	29.43	63	66	63		bcz	cicu		8	
2									SSW	1	29.40	62	64	61		bcz	scu		8	
3									SSW	1	29.38	62	66	63		bcz	cis		8	
4									S	1	29.37	62	66	63		coz	scu		10	
5									SXE	1	29.37	64	60	58		coz	scu		9	
6									SXE	1	29.38	65	58	55		coz	scu		10	
7									SSW	1	29.38	65	59	56		cro	scu		10	
8									Calm	0	29.39	65	61	59		ocr	n		10	
9									NNE	1	29.38	66	60	57		ocr	n		10	
10									W	1	29.40	66	59	56		oc	scu		10	
11									W	1	29.38	66	59	56		oc	scu		10	
12									W	1	29.38	66	60	57		bc	scu		6	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:

Maximum	A-1 69	A-2 68
Minimum	68	66

Compass

S. H

Error

Variation

Deviation

Coal { Received / Expended 10.1 / On hand 144.7

Fuel oil { Received / Expended / On hand

Water. { Distilled / Received 1700 / Expended 192 / On hand 3136

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
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9		

(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX 8 Oct. 1918

REMARKS.

Commences and until 4:00 a.m.
At anchors in Chicago Harbor in 3 1/4 fathoms of water with 20 fathoms of starboard cable at water edge. Both boilers in use for auxiliary purposes.

R. M. Macdonald
Ensign, (T) USN

4:00 a.m. to 8:00 a.m.
6:03 Anchor up and underway. 6:30 Put over patent log reading 0. 6:41 Carter Harrison Crib abeam PLR 1.6. Steering course for Great Lakes N.T.S. in column with USS Gopher and Yantic, with Gopher assuming and setting courses. 7:18. Steered out of column and began to take on fresh water, c.c. 348° psc. 7:34 Changed course to 322 psc PLR9.2 Ave. R.P.M. 73.9. Ave. S.P. 160#. 52 buckets of coal used, miles made good from Carter Harrison Crib 13.44.

J. E. Flanders Ensign, USNRF-4 jef

8:00 a.m. to Meridian.
Steering various courses to Great Lakes Naval Station, Patent Log taken in at 9:42 a.m. reading 27.6 9:53 Gopher anchored. 9:55 Yantic anchored. 10;08 Anchored at Great Lakes with 26 fathoms of starboard chain at wateredge.

L. A. Hanley Ensign, USNRF-4 lah.

Meridian to 4:00 p.m.
Barometer falling. Y.H. Lee SC4c USN transferred to the Naval Hospital Great Lakes for appendicites.

E. K. Baker
Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m.
Received from Ordance dept. Great Lakes Training Station, 360 lbs, 3pdr. Target ammunition.

R. M. Macdonald
Ensign, (T) USN

6:00 p.m. to 8:00 p.m.
Commenced raining at 7:53

J. E. Flanders Ensign, USNRF-4 jef.

8:00 p.m. to Midnight.
No Remarks.

L. A. Hanley Ensign, USNRF-4 lah.

Approved:
E. K. Baker
Lieutenant, USNRF-1,
Commanding Officer.

Examined:
C. C. Crowell
Ensign, USNRF-4
U. S. N., Navigator.

4—2596

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Illinois TO , 9 Oct. 1918, 191

G. L. Holsinger, Lieutenant, USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									WXN	1	29.39	62	58	55		bcz	cis		4	
2									CALM	0	29.39	62	57	54		bcz	cis		6	
3									WXN	1	29.39	62	57	54		bcz	ci		2	
4									WNN	1	29.38	61	55	52		bcz	ci		3	
5									WSW	1	29.38	60	54	51		bcz	ci		4	
6									WSW	1	29.39	59	52	49		bcz	as		2	
7									WSW	1	29.40	59	48	45		bcz	as		2	
8									WNW	1	29.41	59	55	52		bcz	as		3	
9									WNW	1	29.41	59	55	52		bcz	as		3	
10									WNW	1	29.51	59	58	55		bcz	as		3	
11									WNW	1	29.56	59	62	59		bcz	as		3	
12									E	1	29.60	60	68	65		bcz	as		3	
P. M.																				
1									ESE	1	29.65	70	68	65		bcz	cis		3	
2									SSW	1	29.65	70	68	65		bcz	cis		33	
3									SW	1	29.65	70	68	65		bcz	cis		4	
4									SW	1	29.65	70	68	65		bcz	cis		4	
5									SW	1	29.65	71	67	64		bcz	cis		5	
6									SW	1	29.60	71	72	69		bcz	cis		5	
7									SW	1	29.60	74	66	63		bcz	cis		5	
8									SW	1	29.60	74	64	61		bcz	cis		5	
9									SW	1	29.60	72	62	59		bcz	cis		5	
10									SWXW	1	29.60	75	60	57		bcz	cis		7	
11									SWXW	1	29.60	74	60	575		bcz	cis		8	
12									SWXW	1	29.60	75	60	57		bcz	cis		6	

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

MAGAZINE TEMPERATURES:

	A-1	A-2
Maximum	69	67
Minimum	68	66

Compass

S. H

Error

Variation

Deviation

Coal: Received / Expended 9.0 / On hand 135.8

Fuel bl.: Received / Expended / On hand

Water: Distilled / Received / Expended 352 / On hand w2592

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 9 Oct. 1918

REMARKS.

Commences and until 4:00 a.m .
At anchor off Great Lakes with Gopher and Yantic in 3 1/4 fathoms of water, 25 fathoms of starboard anchor chain at water edge. Barometer steady.

E.K. Pilcher
Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.
Carried out morning orders

P.W. Macdonald
Ensign, (T) USN

8:00 a.m. to Meridian.
Made daily inspection of magazine and samples, condition normal. 9:25 L.R. Rutter, Lieut. Comdr. USNR detached and G.L. Holsinger, Lieut. USNRF-1 Executive Officer took ~~charge~~ command with C.E. Crone, Ensign, USNRF-4 , as Executive Officer. 9:47 Ancchor up and underway for Range. Steering variou courses. The firing was as follows- Gun # 1 fired 20 rounds in 4 min. 16 sec. with 11 hits. Gun # 3 fired 20 rounds in 1 min. 53 sec. with 16 hits. Gun # 5 fired 20 rounds in 1 Min. 10 sec. with 20 hits. Gun #2 fired 20 rounds in 2 min. 18 sec. with 17 hits. Gun #4 fired 20 rounds in 2 min. 9 Sec. with 18 hits. Gun # 6 fired 20 rounds in 1 min. 51 sec. with 19 hits.

J.E. Flanders
Ensign, USNRF-4 jef

Meridian to 4:00 p.m.
Target practice from 1:28 p.m. to 3:10 p.m. 60 shots with 13 hits. 2:25 Yantic underway. 2:35 Anchored in 1/4 less 8 fathoms of chain and starboard anchor at water edge. 2:50 Yantic startdd target pracitce .

L. Stanley
Ensign, USNRF-4 lah

4:00 p.m. to 6:00 p.m.
Crew repairing target. Platted for Yantic. Yantic finished long range practice. 4:48 Underway. 5:14 At anchor of Great Lakes. 5:37 in 3 1/4 fathoms of water starboard anchor out with 20 fathoms at water edge.

E.K. Pilcher
Ensign, USNRF-4 ekp

6:00 p.m. to 8:00 p.m.
6:20 Davenport, J. M.A.3d was sentenced at Captain Mast to three days confinement in the brig, on bread and water, for insolence and neglect of duty.

J.E. Flanders
Ensign, USNRF-4 jef.

8:00 p.m. to Midnight.
No Remarks.

L. Stanley
Ensign, USNRF-4 lah

Approved: G.L. Holsinger
Lieutenant, USNRF-1

Examined: P.W. Macdonald
Ensign, (T) USN
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Great Lakes, Illinois. 10 Oct. 1918, 191

G.L. Holsinger, Lieut., USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWXW	1	29.60	74	60	57		bcz	cis		9	
2									SWXW	1	29.60	74	60	57		bcz	cis		10	
3									SWXW	1	29.60	74	58	55		bcz	cis		10	
4									SWXW	1	29.60	74	56	53		bcz	cis		10	
5									SWXW	1	29.59	74	56	53		bcz	cis		4	
6									SWXW	1	29.59	74	56	53		bc	cis		4	
7									SWXW	1	29.59	74	56	53		bc	cis		4	
8									SWXW	1	29.60	73	57	54		bc	cis		4	
9									SWXW	1	29.60	72	60	57		bc	cis		4	
10									SWXW	1	29.60	70	65	61		bc	cis		4	
11									SWXW	1	29.60	72	74	71		bc	cis		4	
12									SWXW	1	29.60	74	74	71		bc	cis			
P. M.																				
1									SWXW	1	29.55	75	76	73		bcz	cis		6	
2									SW	1	29.55	75	76	73		bcz	cis		5	
3									SW	1	29.53	76	77	74		bcz	cis		6	
4									SW	1	29.52	76	80	76		bcz	cis		6	
5									SW	1	29.50	76	70	67		bcz	cis		8	
6									SW	1	29.50	76	74	71		bcz	cis		5	
7									SW	1	29.50	76	72	69		bcz	cis		8	
8									SW	1	29.50	76	72	69		bcz	cis		7	
9									SW	1	29.50	76	68	65		bcz	cis		5	
10									SW	1	29.50	74	66	63		bcz	cis		5	
11									SW	1	29.50	73	65	62		bcz	ci		3	
12									SW	1	29.50	73	64	61		b				

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum A-1 72 A-2 68
Minimum 69 67

Compass

S. H.

Error

Variation

Deviation

Coal: Received / Expended 8 / On hand 127.7

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended 256 / On hand 2336

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
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9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 10 Oct. 1918

REMARKS.

Commencing and until 4:00 a.m.
At anchor off Great Lakes with Gopher and Yantic, in 3 1/4 fathoms of water with starboard anchor out with 20 fathoms at chain at water's edge. Both boilers in use for auxiliary purposes. Barometer steady.

L. E. Ashworth Ensign USNRF-4 sea

4:00 a.m. to 8:00 a.m.
7:00 Carver A.D., BM1c returned from leave of absence, expiring 9 October 1918. Reported on time at Station.

J. P. Lesley Ensign USNRF-4 jps

8:00 a.m. to Meridian
B.T. Griep, CBM, transferred to Naval Hospital, Great Lakes. 9:19 underway. 9:41 at anchor in 7 3/4 fathoms of water starboard anchor out with 35 fathoms of chain at water's edge. Crew scrubbed bags and hammocks and repaired targets. 9:58 Gopher starting on short and long ragge Battle Practice. The following ammunition was sent to Great Lakes for test: 1 3-;dr. cattridge SPD 1338; 1 3-pdr cartridge SPD 1204.

E. K. Pilcher
Ensign USNRF-4 ekp

Meridian to 4P00 p.m.
Newman A.J. S2c USN returned from leave expiring at 6 p.m. October 7, having rpported to District Commandant on time. 12:10 Gopher finished long range firing. The following supplies were received aboard: 1000 lbs. sugar, 960 lbs. condensed milk. 2:38 Gopher commemced long range firing at submarine target. 2:46 Gopher finished long range firing at submarine target. 3:45 Yantic commenced long range firing at submarine target. 3:55 Yantic finished long range firing at submarine target. Barometer falling.

J. E. Flanders Ensign USNRF-4 jef

4:00 p.m. to 6:00 p.m.
4:07 underway to go on Range. 4008 Yantic anchored;4:45 commenced firing. 5:10 finished firing. 60 rounds, 13 hits. 4:52 Yantic underway. 4:54 Gopher underway. 5:10 Yantic anchored. 5:20 anchored. Received 18 boxes Salt Water Soap, 1 box paint brushes, 6 rulers and small stores aboard. 6;00 shifted position. Barometer falling.

L. A. Hanley Ensign USNRF-4 lah

6:00 p.m. to 8:00 p.m.
Barometer steady.

L. E. Ashworth Ensign USNRF-4 seh

8:00 p.m. to midnight.
No remarks.

J. P. Lesley Ensign USNRF-4 jps

Approved: E. K. Pilcher
Lieutenant USNRF-1

Examined: P. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO _____, 11 Oct. 1918. 191

G.L. Holsinger, Lieut. USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	1	29.50	74	62	59		bcf	cis		7	
2									SWXW	2	29.49	74	60	57		bcz	cis		6	
3									SWXW	2	29.47	75	60	57		bcz	cis		7	
4									SWXW	2	29.46	74	59	56		bcz	cis		5	
5									SWXW	2	29.47	75	58	55		bcz	cis		7	
6									SWXW	2	29.47	75	58	55		bcz	cis		7	
7									SWXW	2	29.47	75	58	55		bcz	cis		9	
8									SWXW	2	29.47	75	58	55		bvz	ac		9	
9									SWXW	2	29.46	75	60	57		bcz	ac		9	
10									WSW	1	29.45	75	61	58		bcz	ac		9	
11									SWXW	1	29.45	72	62	59		bvz	ac		10	
12									SW	2	29.43	72	62	59		bcz	as		9	
P. M.																				
1	8	5	14	3	84	1	638910	148	SW	2	29.41	69	65	62		bcz	as		9	
2	8	9	23	2	84	4	643976	177	SW	2	29.39	73	66	62		bcz	as		6	
3									SW	2	29.38	73	68	65		bcz	as	3	3	
4									SW	2	29.35	73	69	66		bcz	as		4	
5									SW	2	29.35	73	70	67		bcz	as		4	
6									SW	2	29.35	76	70	67		bcz	as		3	
7									SW	23	29.30	76	70	67		bcz	as		3	
8									SW	3	29.31	76	70	67		bcz	as	8	4	
9									SW	3	29.30	76	70	67		bc	cis		2	
10									SW	3	29.30	78	69	67		b				
11									SW	3	29.29	78	69	66		b				
12									SW	3	29.29	78	69	66		b				

a.m. { Latitude / Longitude

Noon. { Latitude / Longitude

p.m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass

S. II

Error

Variation

Deviation

Coal. { Received / Expended 9.8 / On hand 111.6

Fuel Oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP USSEX 11 Oct 1918

REMARKS.

Commences and until 4:00 a.m.

At anchor off Great Lakes, in 3 1/4 fathoms of water with starboard anchor out with 30 fathoms of chain at the water's edge. Steam up in both boiles for auxiliary purposes. Barometer steady.

E K Pilcher Ensign, USNRF-4 ekp

4:00 a.m. to 8:00 a.m.

Returned to Great Lakes, H.T.S. 360 empty 3-pdr. carttidge dases and 23 3-pdr. ammuniti°n chests.

J. E. Flanders Ensign, USNRF-4 jef.

8:00 a.m. to Meridian.

11:08 Yantic underway. 11:16 Essex underway. 11:28 course 148 psc. PLR 1.1 RPM 83 SP 15o lbs. Miles made good 7.

L. A. Stanley Ensign, USNRF-4 lah.

Meridian to 4:00 p.m.

Underway from Great Lakes, to Chicago, steering course of 148 psc PLR 5 12:00 reading RPM 83 SP 150 lbs. 1:00 p.m. reading S.P. 170 lbs. RPM 84 PLR 14.3 1:30 p.m. changed course to 177 osc. PLR 18.9 2:00 p.m. reading SP. 175 lbs. RPM 84.4 PLR 23.2 2:05 p.n. Wilson Ave. Crib abeam. 2:27 Carter Harrison Crib abeam. Log taken in reading 27.1 2:57 anchored in Chicago harbor in 3 1/4 fathoms of water with starboard anchor out with 20 fathoms of chainat the waters edge. 3:26 Morgan, L. S2c USNRF returned to duty from Marine Hospital, Chicago Ill Crone OE. Ensign, USNRF-4 detached.

J. E. Anderson Ensign, USNRF-4 sea

4:00 p.m. to 6:00p.m.

Received from Supply Offidr, Great Lakes, Ill a quanity of small stores.

J. P. Luby Ensign/ USRRF-4 pjs

6:00 p.m. to 8:00 p.m.

No remarks.

E K Pilcher Ensign, USNRF-4 ekp

8:00 p.m. to Midnight.

No remarks.

J. E. Flanders Ensign, USNRF-4 jef.

Approved: Ed Mahaney
Lieutenant, USNRF-1
Commanding Officer.

Examined: R. W. Macdonald
Ensign, (T) USN.
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO ____, 12 Oct 1918, 191

C.L. Holsinger, Lieutenant USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWxW	1	29.50	74	62	59		bcz	cis		7	
2								–	SWXW	2	29.49	74	60	57		bcz	cis		6	
3									SWXW	2	29.47	75	60	57		bcz	cis		7	
4									SWXW	2	29.46	74	60	56		bcz	cis		5	
5									SWXW	2	29.47	75	59	55		bcz	cis		7	
6								–	SWXW	2	29.47	75	58	55		bcz	cis		7	
7									SWXW	2	29.47	75	58	55		bcz	cis		9	
8									SWXW	2	29.47	75	58	57		bcz	cis		9	
9								–	SWXW	2	29.46	75	58	58		bcz	cis		9	
10									SWXW	1	29.45	75	58	59		bcz	cis		9	
11									WSW	1	29.45	72	60	59		bcz	as		9	
12									SW	2	29.43	72	61	59		bcz	as		9	
P. M.																				
1								–	SW	2	29.41	69	65	62		bcz	as		9	
2									SW	2	29.39	73	66	63		bcz	as		6	
3									SW	2	29.37	73	68	65		bcz	as		3	
4									SW	2	29.35	73	69	66		bcz	as		4	
5									SW	2	29.35	73	70	67		bcz	as		4	
6									SW	2	29.33	76	70	67		bcz	as		3	
7								–	SW	2	29.31	76	70	67		bcz	as		3	
8									SW	2	29.31	76	70	67		bcz	as		4	
9									SW	3	29.30	76	70	67		bc	cis		2	
10									SW	3	29.30	78	69	66		b				
11									SW	3	29.29	78	69	66		b				
12									SW	3	29.28	78	69	66		b				

8 a. m. { Latitude ____ Longitude ____

Noon. { Latitude ____ Longitude ____

8 p. m. { Latitude ____ Longitude ____

Current { Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal { Received ____ Expended 9.8 On hand 117.6

Fuel oil { Received ____ Expended ____ On hand ____

Water. { Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

4—2599

UNITED STATES SHIP ESSEX 12 Oct 1918

REMARKS.

Commencing and until 4:00 a.m.
Anchored in Chicago harbor in 3 1/4 fathoms of water with starboard anchor out with 30 fathoms of chain at the waters edge. Both boilers steaming for auxiliary purposes.

L. A. Stanley Ensign, USNRF-4 lah.

4:00 a.m. to 8:00 a.m.
No remarks.

L. E. Ashworth Ensgn, USNRF-4 sea

8:00 a.m. to Meridian.
10:00 a.m. F.W. Seay, Sea, USN. left on leave of absence to expire 26th October. 10:45 recieved the following supplies aboard for commissary: 98 lbs. bananas 5 lbs yeast, 126 lbs chicken;

J. P. Luley Ensign, USNRF-4 jps.

Meridian to 4:00 p.m.
No remarks.

E. K. Pilcher Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m.
No remarks.

J. E. Flanders Ensign, USNRF -4 jef.

6:00 p.m. to 8:00 p.m.
No remarks.

L. A. Stanley Ensign, USNRF-4 lah

8:00 p.m. to midnight.
No remarks.

L. E. Ashworth Ensign, USNRF-4 sea

Approved: G. A. Rakow
Lieutenant, USNRF-1
Commanding Officer.

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO , 13 Oct 1918, 191

G.L. Holsinger, Lieut. USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	2.	29.30	76	68	65		b				
2									W	1	29.30	76	66	63		b				
3									WXN	1	29.31	76	65	62		b				
4									W	1	29.32	76	66	63		b				
5									W	1	29.33	76	66	63		b				
6									W	2	29.33	76	65	62		b				
7									SW	2	29.35	74	60	57		ocz	as		10	
8									NW	2	29.40	72	58	55		ocz	as		10	
9									NW	2	29.42	72	58	55		ocz	as		10	
10									NW	2	29.43	72	59	56		ocz	as		10	
11									NW	2	29.43	72	60	57		ocz	as		10	
12									NW	2	29.43	73	62	59		ocz	aw		10	
P. M.																				
1									NW	2	29.45	71	62	59		as			10	
2									NW	2	29.45	71	62	59		cis			10	
3									NW	2	29.46	71	62	59		cis			10	
4									NW	2	29.48	74	61	59		cis			10	
5									NW	2	29.48	74	59	56		cis			10	
6									NW	2	29.43	74	56	53		cis			10	
7									NW	2	29.43	74	56	53		cis			10	
8									NW	2	29.52	72	56	53		cis			7	
9									NW	1	29.58	73	56	53		cis			8	
10									NW	1	29.5	72	55	53		cis			8	
11									NW	1	29.60	72	55	53		cis			9	
12									NW	1	29.60	72	55	53		cis			9	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum A1 71 A2 69
Minimum 70 68

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.4 / On hand 108.2

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 13 Oct 1918

REMARKS.

Commences and until 4:00 a.m.

Anchored in Chicago Harbor in 3 1/4 fathoms of water with starboare anchor out with 30 fathoms of chain at the waters edge. Both boilers steaming for auxiliary purposes.

J.P. Lesley Ensign, USNRF-4 jps

4:00 a.m. to 8:00 a.m

Morning orders being carried out. Liberty party returned with exception of Dodge, F. SC3c, USN.

E.K. Pitcher Ensign, USNRF-4 ekp

8:00 a.m. to Meridian.

Made daily inspection of magazines and S.P. Samples, condition normal. The following men left on furlough. King, E.N. Pntr 1c USN expiring noon Oct 25: Anderson R.O. BM1c USN; Hudson, J.R. Sea USN Bush, C.C. QM3c, USN. and Shreve, H.E. CM1c, USN expiring noon Oct 27 At 11:40 Dodge, F. SC3c, USN returndd from liberty 3 hrs. and 40 minutes A.O.L.

J.E. Flanders Ensign, USNRF-4 jef.

Meridian to 4:00 p.m.

No remarks.

L.A. Hanley Ensign, USNRF-4 lah

4:00 p.m. to 6:00 p.m.

No remarks.

J.E. Asselin Ensign, USNRF-4 sea

6:00 p.m. to 8:00 p.m.

No remarks.

J.P. Lesley Ensign, USNRF-4 jps

8:00 p.m. to midnight.

E.K. Pitcher Ensign, USNRF-4 ekp

No remarks.

Approved: E.A. Walenius
Lieutenant, USNRF-1
Commanding Officer.

Examined: R.M. Macdonald
Ensign (T), USN.
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago Ill TO _____, 14 Oct 1918, 191

G.L. Holsinger, Lieut. USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.									NW	2	29.60	72	53	50		bcz	cis		8	
1									NWXW	2	29.62	72	51	48		bcz	cis		8	
2									NWXW	2	29.62	72	49	46		bcz	cis		8	
3									NWXW	2	29.64	72	49	46		bcz	cis		8	
4									NWXW	1	29.62	71	47	44		bcz	cis		8	
5									NW	1	29.63	71	46	43		bcz	cis		7	
6									NW	1	29.65	71	47	44		bcf	scu		7	
7									NWXN	1	29.65	71	47	44		bcf	scu		6	
8									NWXN	1	29.69	71	52	50		bcf	scu		6	
9									NNW	1	29.73	72	56	53		bcf	cis		7	
10									NNW	1	29.75	73	58	55		bcf	cis		7	
11									NNW	1	29.75	73	58	55		bcf	cis		6	
12																			6	

Noon. Latitude / Longitude

Sp. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum A1 71 A2 68
Minimum 70 67

Compass
S. II
Error
Variation
Deviation

Coal: Received / Expended 3.2 / On hand 105.

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
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P. M.	Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
1										NXE	1	29.75	71	56	53		bc	cis		4	
2										NE	1	29.73	70	56	53		bc	cis		5	
3										NE	1	29.72	70	56	53		bc	cis		3	
4										NE	1	29.72	71	56	53		bc	cis		3	
5										NE	1	92.72	71	56	53		bc	cis		4	
6										SE	1	29.72	71	55	52		c	cis		4	
7										SE	1	29.72	71	55	53		bc	cis		4	
8										SEX	1	29.72	71	54	51		bc	cis		4	
9										SEXE	2	29.72	71	56	53		bc	cis		2	
10										SEXE	2	29.70	71	55	52		bc	cis		3	
11										S	2	29.70	71	55	52		bc	cis		4	
12										S	1	29.70	71	54	51		boz	as		5	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP Essex 14 Oct 1918

REMARKS.

Commences and until 4:00 a.m.

At anchor in Chicago Harbor i 31/4 fathoms of water with starboard anchor our and with 20 fathoms of chain at the water's edge. Boiler 1 in use for auxiliary/ purposes.

J. E. Flanders Ensign, USNRF-4 jef.

4:00 a.m. to 8:00 a.m.

Carried out morning orders. Liberty returned with no absentees.

L. A. Stanley Ensign, USNRF -4 lah

8:00 a.m. to Meridina.

Made daily inspection of magazines and S.P. samples, condition normal. 10:50 received the following supplies aboard: 150 lbs bread; 1 box beef liver;50 lbs. 665 beef; 58 lbs. mutton.

L. E. Ashworth
Ensign, USNRF-4 sea

Meridian to 4:00 p.m.

1:20 recieved the following supplies aboard; 50 lbs. Navy pork sausages; 300 lbs. bread; 6 pcs bacon 54 lbs. 3 cases eggs; 4000 lbs. ice, 4 crates grapes.

E. K. Pickett
Ensign, USNRF-4 ekp

4:00 p.m. to 6:00 p.m.

No remarks.

J. E. Flanders Ens gn, USNRF-4 jef

6:00 p.m. to 8:00 p.m.

No remarks.

L. A. Stanley Ensign, USNRF-4 lah

8:00 p.m. to midnight.

No remarks.

L. E. Ashworth
Ensign, USNRF-4 sea

Approved: E. H. Malanig
Lieutenant, USNRF-1
Commanding Officer.

Examined: R. M. Macdonald
Ensign, (T)? USN. U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO 15 Oct 1918, 191

G.I.Holsinger, Lieut. USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									S	1	29.71	71	53	50		bcz	as		4	
2									S	2	29.71	71	55	50		bcz	as		3	
3									S	1	29.72	70	53	49		bcz	as		3	
4									S	1	29/71	70	52	49		bcz	cis		2	
5									S	1	29.71	70	53	49		bcz	cis		4	
6									S	1	29.70	70	53	48		bcz	cis		4	
7									S	1	29.69	70	52	48		bcz	cis		4	
8									S	2	29.67	69	52	51		bcz	as		4	
9									S	2	29.67	70	54	55		bcz	as		4	
10									S	2	29.65	70	58	57		bcz	as		3	
11									S	2	29.60	70	60	65		bcz	cis		3	
12									SSW	3	29/59	70	68	65		bcz	cis		3	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received 140000 lbs. / Expended 13200 / On hand 12.1 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SSW	4	29.59	70	68	65		bcz	cis		3	
2									SSW	4	29.58	70	68	66		bcz	cis		4	
3									SSW	4	29.58	70	67	64		bcz	cis		4	
4									SWXW	4	29.49	75	66	73		bcz	cis		4	
5									SWXW	4	29.50	76	73	70		bcz	cis		4	
6									SWXW	4	29.50	76	78	70		bcz	cis		4	
7									SWXW	4	29.52	76	71	68		bcz	cis		4	
8									SWXW	4	29.52	76	70	67		bcz	cis		4	
9									WXS	3	29.55	76	70	67		bcz	cis		7	
10									WXS	2	29.55	76	66	63		bcz	cis		2	
11									WXS	2	29.55	76	66	63		b				
12									WXS	3	29.54	76	65	62		b				

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 15 Oct 1918

REMARKS.

Commences and until 4:00 a.m.

At anchor in Chicago harbor in 3 1/4 fathoms of water with starboard anchor out and with 20 fathoms of chaina at the waters edge. Boiler #1 in use for auxiliary purposes.

J. P. Lulay. Ensign, USNRF-4 jps

4:00 a.m. to 8:00 a.m.

Liberty party returned with one absentee, Jackson, J. Wr-ck USNRF-4

J. E. Flanders Ensign, USNRF-4 jef.

8:00 a.m. to meridian

8:25 T.G. Brennan S2c returned from leave of absence expiring noon Oct 15, 1918 Jackson J. Wr-ck returned 50 minutes A.O.L. 9:50 a.m. underway for coal dock. 10:02 secured to coal dock. Draft 13' 3" forward. 15' 8" aft. 11:20 finished coaling 70 tons of coal taken a aboard. Draft 13' 9" forward, Aft 16' . 11:25 underway for water. 12:00 noon took on water.

L. A. Hanley Ensign, USNRF-4 lah.

Meridian to 4:00 p.m.

1:00 p.m. anchored at Chicago in 3 1/4 fathoms of water with starvoard ancho out with 20 fathoms of cahin at the waters edge. 1:35 p.m. picked uppanchor and shifted berth on account of drifting 300 ft Anchored in mid channel with 20 fathoms of cahin at the waters edge. 2:45 p.m. got underway and at 3L;0 ship made fast to dock in Terminal slip.

L. E. Ashcroft Ensign, USNRF-4 sea

4:00 p.m. to 6:00 p.m.

No remarks.

J. P. Lulay. Ensign, USNRF-4 jps

6:00 p.m. to 8:00 p.m.

No remarks.

L. A. Hanley En

L. A. Hanley Ensign, USNRF-4 lah

8:00 p.m. to midnight.

No remarks.

L. A. Hanley Ensign, USNRF-4 lah.

Approved: E. M. Malaney
Lieutenant, USNRF-1
Commanding Officer.

Examined: R. M. Macdonald
Ensign, [redacted] (T)
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO , 16 Oct 1918, 191

G.L. Holsinger, Lieut. USNRF-1, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	2	29.55	74	62	59		b	cis		5	
2									W	2	29.57	75	62	59		b	cis		5	
3									W	1	29.57	75	62	59		b	cis		5	
4									W	1	29.57	74	62	59		b	cis		5	
5									W	1	29.57	74	59	56		b	cis		6	
6									W	1	29.57	74	59	56		b	cis		6	
7									W	1	29.57	74	58	55		b	cis		6	
8									NW	1	29.60	74	62	59		bcz	cis		5	
9									NW	1	29.63	72	62	59		bcz	cis		4	
10									NW	1	29.63	75	64	61		bcz	cis		4	
11									NW	1	29.63	75	64	61		bcz	cis		8	
12									NW	1	29.67	73	67	64		bcz	cis		8	
P. M.																				
1									N	1	29.61	74	67	64		bc	cis		8	
2									N	1	29.60	73	72	69		bc	cis		8	
3									N	1	29.55	72	74	71		bc	cis		8	
4									N	1	29.53	72	74	71		bc	cis		8	
5									N	1	29.52	72	76	73		bc	cis		8	
6									N	1	29.52	72	76	62		bc	cis		6	
7									N	1	29.52	72	62	59		bc	cis		5	
8									N	1	29.52	70	62	59		bc	cis		5	
9									SW	1	29.51	69	58	53		bc	cis		5	
10									SW	1	29.51	69	58	55		bc	cicu		3	
11									SSW	2	29.50	64	58	55		bc	cicu		5	
12									SSW	2	29.50	64	58	55		bc	cicu		5	

Noon. Latitude
Noon. Longitude

1 p. m. Latitude
1 p. m. Longitude

Current: Set
Current: Drift

Magazine Temperatures:
Maximum A1 71 A2 69
Minimum 70 68

Compass
S. H
Error
Variation
Deviation

Coal. Received
Coal. Expended 4.4
Coal. On hand 158.

Fuel oil. Received
Fuel oil. Expended
Fuel oil. On hand

Water. Distilled
Water. Received
Water. Expended
Water. On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 16 Oct 1918

REMARKS.

Commences and until 4:00 a.m.

Moored to dock in Terminal slip at Chicago, Ill. Boiler #1 in use for auxiliary purposes.

L. E. Ashworth
Ensign, USNRF-4 sea

4:00 a.m. to 8:00 a.m.

Liberty party returned with no absentees.

J. P. Seeley. Ensign, USNRF-4 jps

8:00 a.m. to Meridian.

Made daily inspection of magazines and S.P. samples, condition normal.

J. E. Flanders Ensign, USNRF-4 jef.

Meridian ton4:00 p.m.

Sent the following ammunition to the U.S.S. YANTIC:
1 box containing 2 jars, 2 bottles, S.P.D. 1335 SPD 1204 3-pdr samples.

226 3-pdr. ammunition chests: 5 3-pdr. ammunition chests saluting: 1810 3-pdr. cartridges S.P.D. 1135. 1784 3-pdr. cartridges, S.P.D. 1204 1000 cartridges 30 cal. Blank Mod. 1909. 1000 Cartridges 30 cal. dummy 1906. 3000 cartridges 30 cal. Blank 1898. 2000 cartridges 45 cal. ball revolver 1911. 1760 cartridges 30 cal. rifle ball 1898. 6000 cartridges 30 cal. rifle ball 1906. 2000 cartridges 38 cal. revolver ball. 55 3-pdr. cartridges saluting complete. 20 3-pdr/ cartridges 55ses empty.

L. A. Hanley Ensign, USNRF-4 lah.

4:00 p.m. to 6:00 p.m.

No remarks.

L. E. Ashworth
Ensign, USNRF-4 sea

6:00 p.m. to 8:00 p.m.

5:05 p.m. Schyan, C.H. Q.M.3c left on leave of absence to expire Oct 30, 1918.

J. P. Seeley Ensign, USNRF-4 jps

8:00 a.m. to midnight.

No remarks.

J. E. Flanders Ensign, USNRF-4 jef.

Approved: E. A. Walters
Lieutenant, USNRF-4
Commanding Officer.

Examined: R. M. Macdonald
Ensign (T), USN.
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO 17 Oct. 1918, 191

G.L.Holsinger, Lieut. USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SW	2	29.49	79	66	63		b				
2									SW	2	29.49	74	66	63		bcz	cis		5	
3									SW	2	29.47	72	64	61		bcz	cis		6	
4									SW	2	29.45	70	62	59		bcz	cis		4	
5									SW	2	29.43	72	52	59		bcz	cis		3	
6									SW	2	29.47	83	52	59		bcz	cis		3	
7									SW	2	29.48	87	60	57		bxz	cis		3	
8									SW	2	29.46	73	51	58		bcz	cis		3	
9									SW	2	29.45	74	61	58		bcz	cis		3	
10									SW	2	29.42	74	66	58		bcz	cis		3	
11									SW	1	29.40	76	68	63		bcz	cis		5	
12									SW	1	29.40	80	73	55		bcz	cis		3	
P. M.																				
1									W	2	29.37	82	78	75		bcz	cis		3	
2									W	2	29.36	84	84	81		bcz	cis		4	
3									W	1	29.35	85	88	85		bcz	cis		4	
4									W	1	29.36	87	86	83		bcz	cis		4	
5									N	2	29.41	80	65	62		bcz	cis		4	
6									N	3	29.43	80	64	61		bcz	cis		4	
7									N	3	29.45	78	64	61		bcz	aq		4	
8									N	4	29.48	78	64	61		bcz	as		4	
9									N	4	29.52	70	68	55		bcz	as		10	
10									N	4	29.52	72	55	52		ocz	as		10	
11									N	5	29.55	71	55	52		ocz	as		10	
12									N	5	29.55	70	55	52		ocz	as		10	

a. m. Latitude _____
Longitude _____

Noon. Latitude _____
Longitude _____

p. m. Latitude _____
Longitude _____

Current Set _____
Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. Received _____
Expended 4.0
On hand 153.6

Fuel oil. Received _____
Expended _____
On hand _____

Water. Distilled _____
Received _____
Expended _____
On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 17 Oct 1918

REMARKS.

Commences and until 4:00 a.m.
Moored to dock in Terminal slip of Chicago, Ill. Boiler No 1 steaming for auxiliary purposes.

Ensign, USNRF-4 jef.

4:00 a.m. to 8:00 a.m.
No remarks.

J. E. Flanders

J. E. Ashworth
Ensign, USNRF-4 sea

8:00 a.m. to Meridian.
The following men were transfered to the U.S.S. BLUE RIDGE:

Herron, H.W.	BM2c	USN
Scott, Grover C.	GM3c	USN
Yungkans, F.W.	Cox	USN
Darling, Miles, C.	PhM3c	usn
Yarnell, Jay C.	QM3c	USN
Tschasche, Paul G.	BMtr3c	USN
Minnette, John A.	Flc	USN
Fogle, Wm E.	Flc	USN
Bess, Wm	Flc	USN
Matte, Julius A.	F2c	USN
Clements, W.J.	Cox	USNRF-2
Anderson, M.P.	Sea	USNRF-2
Sicking, Edmund	Sea	USNRF-2
Lawrende, R.E.	Sea	USNRF-2
Franks, James	Y3c	USNRF-2
Wolf, B.L.	F2c	USNRF-2
Davis, R.C.	F2c	USNRF-2
Shoemaker, J.W.	MM2c	USNRF-2
Technow, O	F2c	USNRF-2
Davis, B.L.	E2c-r	USNRF-4
Safar, R.	SF1c	USNRF-4
Lindner, Jos	WT	USNRF-4
Gaudry, Jos	WT	USNRF-4

The following named men left ship on leave of absence expiring Oct 31 1918: Thomas, J.R. Bsmth1c, USN; Mason, Y.M. Oiler, USN, F. Borecky, Bmkr, USN: De Ford, R.L. F3c, USN; Received 50 lbs fish aboard, from L.W. Trigg. Received the follwong supplies; for the Engineer Department: 313.5 ft. gal piping; 2 2 1/2 in gal. bushing. 1 2 1/2" gal. T.

L. A. Lahanley Ensign, USNRF-4 lah.

Meridian to 4:00 p.m.
No remarks.

Ensign, USNRF-4 jef

4:00 p.m. to 6:00 p.m.
No remarks.

J. E. Flanders

J. P. Seeley Ensign, USNRF-4 jps

6:00 p.m. to 8:00 p.m.
L. Morgan S2c, USNRF left ship on 5 days leave of absence.

J. P. Seeley Ensign, USNRF-4 jps

8:00 p.m. to midnight.
Page, S.F. LY, USNRF raported aboard for duty in Supply Depattment.

J. P. Seeley Ensign, USNRF-4 jps

Approved:
Lieutenant, USNRF-1
Commanding Officer.

Examined:
R. M. Macdonald
Ensign, (T), USN.
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois. TO _____, 18 October, 1918

G. L. Holsinger, Lieut., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked in Chicago							NNE	5	29.58	69	54	51		OCZ	AS		10	
2				"					NE	5	29.60	70	55	52		OCZ	AS		10	
3				"					NE	4	29.67	72	55	52		OCZ	AS		10	
4				"					NE	4	29.73	72	55	52		OCZ	AS		10	
5				"					NE	3	29.73	72	55	52		OCZ	AS		10	
6				"					NE	3	29.73	74	55	52		OCZ	StCu		8	
7				"					NExE	3	29.73	74	52	49		BC	StCu		6	
8				"					NE	3	29.75	74	52	49		BC	StCu		6	
9				"					E	3	29.75	70	54	51		BC	StCu		5	
10				"					E	3	29.76	70	54	51		BC	StCu		7	
11				"					E	3	29.77	71	56	53		BC	ACu		2	
12				"					E	3	29.78	74	57	54		BC	AS		5	

Sa. m. { Latitude / Longitude
Noon. { Latitude / Longitude
8 p. m. { Latitude / Longitude
Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 31.7 tons / On hand 150.5 "
Fuel oil. { Received / Expended / On hand
Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked in Chicago							E	3	29.75	74	60	57		BC	Ci		6	
2				"					E	3	29.73	72	62	59		BC	Ci		7	
3				"					E	2	29.73	73	70	67		BC	Ci		6	
4				"					E	2	29.73	74	68	65		BC	CiS		7	
5				"					E	2	29.73	74	66	63		BC	CiS		7	
6				"					E	2	29.73	75	68	65		BC	CiS		7	
7				"					E	2	29.74	76	58	65		BC	CiS		4	
8				"					E	2	29.75	76	58	55		BC	CiS		5	
9				"					E	2	29.76	75	56	53		BC	Ci		4	
10				"					E	3	29.77	74	55	52		BC	Ci		5	
11				"					E	4	29.77	74	54	51		BC	Ci		3	
12				"					E	4	29.79	78	52	49		BC	Ci		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 October 1918

REMARKS.

Commencing and until 4.00 a.m.

Tied up in Terminal Dock of Chicago, Illinois, in 3 fathom of water. Boiler #1 steaming for auxiliary purposes. Barometer rising rapidly. High north to north easterly winds.

J. E. Flanders Ensign USNRF-4 jef

4.00 a.m. to 8.00 a.m.

Carried out morning orders.

L. C. Stanley Ensign USNRF-4 lah

8.00 a.m. to meridian.

A. D. Carver, BM1c, USN, overleave, due 7:30 a.m. returned 11.55 a.m.

L. E. Ashworth
Ensign USNRF-4 sea

Meridian to 4.00 p.m.

100 funeral party for B. A. Greip, CBM, USN, shoved off
Ruckle, R. C. F1c, USN, transferred to U.S.Naval Hospital, Great Lakes, with all papers.

J. P. Luby. Ensign USNRF-4 jps

4.00 p.m. to 8.00 p.m.

No remarks.

L. C. Stanley Ensign USNRF-4 lah

8.00 p.m. to 12.00 midnight.

No remarks.

L. E. Ashworth
Ensign USNRF-4 sea

Approved: E. H. Malmgren
Lieutenant USNRF-1
Commanding

Examined: R. M. Macdonald
Ensign (T) U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois. TO _____, 19 October, 1918

G. L. Holsinger Lieutenant, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked in Chicago		"					E	4	29.80	75	51	48		BC	Ci		5	
2				"					E	4	29.83	75	50	47		BC	CiCu		7	
3				"					E	4	29.77	72	51	48		BC	CiCu		5	
4				"					E	4	29.75	77	51	48		BC	CiCu		5	
5				"					EXS	4	29.75	80	50	47		BC	CiS		7	
6				"					EXS	4	29.75	82	50	47		BC	CiS		7	
7				"					EXS	4	29.75	82	50	47		BC	CiS		7	
8				"					EXS	3	29.71	74	52	49		BC	CiS		6	
9				"					SSX	22	29.64	68	54	51		BC	CiS		7	
10				"					S	2	29.63	70	56	53		BC	CiS		8	
11				"					S	1	29.61	70	56	53		BC	AS		10	
12				"					S	1	29.58	68	58	55		BC	AS		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 2.5 tons / On hand 147.7 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended 230 gals / On hand 2170 gals

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked in Chicago		"					SE	1	29.55	67	60	57		OCZ	AS		10	
2				"					E	1	29.50	69	60	57		OCZ	AS		10	
3				"					ESE	1	29.48	70	60	57		OCZ	AS		10	
4				"					E	1	29.45	69	62	59		BCZ	ACU		8	
5				"					E	1	29.45	68	60	57		OCZ	AS		10	
6				"					E	1	29.44	68	60	57		OCZ	AS		4	
7				"					E	1	29.44	68	60	57		OCZ	CiS		5	
8				"					E	1	29.41	68	62	59		OCZ	CiS		6	
9				"					S	1	29.40	70	62	59		OCZ	AS		10	
10				"					SW	1	29.41	70	62	59		OCZ	N		10	
11				"					W	2	29.40	72	60	57		OCR	N		10	
12				"					W	2	29.40	72	59	56		OCR	N		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 19 October 1918

REMARKS.

Commencing and until 4.00 a.m.

Tied up to Terminal Dock of Chicago, Illinois in three fathoms of water. Boiler No. 1 steaming for auxiliary purposes.

J. P. Lesley Ensign USNRF-4 jps

4.00 a.m. to 8.00 a.m.

No remarks.

J. E. F. Landers Ensign USNRF-4 jef

8.00 a.m. to meridian.

Carried out morning orders.
Received 100 lbs. chicken from Cohen & Co..
315 lbs butter from Chicago Cold Storage.

L. A. Stanley Ensign USNRF-4 lah

Meridian to 4.00 p.m.

Received from Maurice Cohen & Co., 20 lbs. head lettuce, 210 lbs onions.

H. D. Rodgers, Cab-Std, USNRF-2 left on furlough to expire at noon 2 November 1918.

C. J. Walker, Cox, U.S.N. sustained slight ebraision on the head caused by bumping head on door.

2.45 got underway and shifted berth further, tied up to Terminal Dock in 2-3/4 fathoms of water.

L. E. Ashcroft Ensign USNRF-4 sea

4.00 p.m. to 6.00 p.m.

4000 lbs. ice from Consumers Co., taken aboard.

J. P. Lesley Ensign USNRF-4 jps

6.00 p.m. to 8.00 p.m.

No remarks.

J. E. Flanders Ensign USNRF-4 jef

8.00 p.m. to 12.00 midnight.

No remarks.

L. A. Stanley Ensign USNRF-4 lah

Approved:

W. Habenicht
Lieutenant USNRF-1
Commanding.

Examined:

R. M. Macdonald
Ensign (T) U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois TO _____, 20 October, 1918

G. L. Holsinger, Lieutenant, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		DOCKED IN CHICAGO							W	1	29.38	72	58	55		OCR	N		10	
2				"					W	1	29.35	72	58	55		OCR	AS		10	
3				"					W	1	29.36	70	57	54		OC	CiS		4	
4				"					W	1	29.37	70	57	54		OC	Ci		4	
5				"					W	1	29.37	70	57	54		BCZ	CiS		5	
6				"					W	1	29.37	70	56	53		BCZ	CiS		5	
7				"					W	1	29.39	70	56	53		BCZ	CiS		5	
8				"					W	1	29.41	70	54	51		OCZ	AS		10	
9				"					W	1	29.45	73	55	52		ICZ	AS		10	
10				"					W	1	29.48	72	56	53		BCZ	CiS		7	
11				"					W	1	29.45	74	62	59		BCZ	CiS		6	
12				"					W	1	29.45	74	60	59		BCZ	CiS		6	

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:

Maximum

Minimum

Compass	
S. II	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	4.8 tons
Coal. On hand	148.09 tons
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	224 gals
Water. On hand	1946 gals

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked in Chicago							W	1	29.44	76	69	66		BCZ	CiS		6	
2				"					W	1	29.42	76	76	73		BCZ	CiS		6	
3				"					W	1	29.42	76	80	77		BCZ	CiS		6	
4				"					W	1	29.43	76	74	71		BCZ	CiS		6	
5				"					W	1	29.45	76	73	70		BC	AS		7	
6				"					W	1	29.48	76	66	63		BC	Ci		7	
7				"					W	1	29.49	76	64	61		BC	Ci		2	
8				"					W	1	29.51	74	60	57		BC	CiS		2	
9				"					W	1	29.52	70	69	56		BC	CiS		2	
10				"					W	1	29.55	71	59	56		BC	CiS		2	
11				"					W	1	29.57	73	59	56		BC	CiS		2	
12				"					W	1	29.61	76	59	55		BC	CiS		2	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 20 October 1918

REMARKS.

Commencing and until 4.00 a.m.

Tied up to Terminal Dock of Chicago, Illinois in 2-3/4 fathoms of water. Boiler no. 1 steaming for auxiliary purposes.

H. E. Ashworth
Ensign USNRF-4 sea

4.00 a.m. to 8.00 a.m.

Taylor, H. G. Bug, USN, and McDannell, MMlc, USNRF-2, absent over leave.

J. P. Luley.
Ensign USNRF-4 jps

8.00 a.m. to meridian.

Taylor, H. G. Bug, USN, returned from liberty absent over leave thirty-three minutes.

McDannel, G. F. MMlc, USNRF-2 returned from liberty absent over leave eighteen minutes.

J. E. Flanders
Ensign USNRF-4 jef

Meridian to 4.00 p.m.

Visitors aboard.

L. A. Hanley
Ensign USNRF-4 lah

4.00 p.m. to 6.00 p.m.

No remarks.

H. E. Ashworth
Ensign USNRF-4 sea

6.00 p.m. to 8.00 p.m.

No remarks.

J. P. Luley.
Ensign USNRF-4 jps

8.00 p.m. to 12.00 midnight.

No remarks

J. E. Flanders
Ensign USNRF-4 jef

Approved:

E. Wakeman
Lieutenant USNRF-1
Commanding

Examined:

R. M. Macdonald
Ensign (T) U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP U.S.S. ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ _____, 21 October, 1918

G.L. Holsinger Lieutenant USNRF, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	1	29.65	82	58	55		hc	cis			2
2									W	1	29.65	81	55	52		bc	cis			2
3									W	1	29.65	78	54	51		hc	cis			2
4									W	1	29.65	78	54	51		hc	cis			2
5									W	1	29.65	76	52	49		bcz	cis			2
6									W	1	29.66	76	52	49		bcz	cis			4
7									W	1	29.67	76	50	47		bcz	cis			4
8									W	1	29.67	75	50	47		bcz	cis			7
9									NxW	1	29.68	74	54	51		bcz	cis			7
10									NxW	1	29.70	76	54	51		bcz	cis			7
11									NxE	1	29.75	82	62	59		bc	cis			7
12									NxE	1	29.78	83	62	59		bc	cis			6
P. M.																				
1	Docked at Chicago, Ill.								NE	1	29.70	76	62	59		bc	cis			3
2									SE	1	29.65	76	76	74		bc	cis			3
3									"	1	29.58	74	84	81		bc	cis			2
4									"	1	29.61	72	80	77		bc	cis			2
5									E	1	29.60	74	74	71		bc	cis			2
6									EE	1	29.60	72	60	58		bc	cis			2
7									E	2	29.60	72	59	56		bc	cis			2
8									E	2	29.55	68	59	56		bc	cis			1
9									EE	3	29.55	68	57	55		bc	cis			1
10									E	3	29.60	68	57	55		bc	cis			1
11									E	2	29.57	68	56	54		bc	cis			1
12									E	3	29.55	67	56	54		bc	cis			1

Noon. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures: Maximum _____ Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. Received _____ Expended 3.9 On hand 142.6

Fuel oil. Received _____ Expended 164 On hand 1782

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division	Morning.	Afternoon.
1		Infantry drill for crew
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 21 October 1918

REMARKS.

Commending and until 4:00 a.m.
Tied up to Pugh Terminal Dock in Chicago, Illinois, in 2 3/4 fathoms of water. Boiler #1 steaming for auxiliary purposes.

L.A. Hanley Ensign USNRF-4 lah

4:00 a.m. to 8:00 a.m.
No remarks.

S. E. Ashworth
Ensign USNRF-4 sea

8:00 a.m. to Meridian
Received the following supplies aboard: from S.Houston and Son, 3 bunches bananas 18689; Schulze Baking Company, 300# bread, 61861; Guggenheim Bros., 1 box Beef Livers; Arnold Bros., 75# Pork loin, 30# frankfurters; Armour and Company, 1 cattle 690#, 2 sheep, 130#, 1 box cheese34 3/4; C.H. Weaver, 1 Barrel apples, 150# ; Maurice Cohen 25# peppers, 8274. 11:15 the following men were transferred to the Municipal Pier; McLaughlin, J.W., CY, USN; Blacker, W.F., CQM, USN; Peters, S.M., Sea, USN; Martin, M., Cox, USNRF-2.

J P Sulley. Ensign USNRF-4 jps

Meridian to 4:00 p.m.
At 1:50 Rear Admiral Osterhaus, USN, visited the ship officialy. Left the ship at 1:55. At 1:58 the U.S.S. GOPHER broke Rear Admiral's flag. At 2:05 U.S.S. GOPHER hauled down Admiral's flag. Crew engaged in infantry drill.

J. E. Flanders Ensign USNRF-4 jef

4:00 p.m. to 8:00 p.m.
No remarks.

L.A. Hanley Ensign USNRF-4 lah

8:00 p.m. to 12:00 mid.
No remarks.

J.P. Sulley. Ensign USNRF-4 jps

Approved:
G. Halsey
Lieutenant USNRF-1

Examined:
R. M. Macdonald
Ensign (t)
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 22 October 1918, 191

G.L. Holsinger, Lieut. USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									E	3	29.53	68	56	53		bc	cis	3		
2									ESE	3	29.53	70	56	53		bc	cis	3		
3									SExE	3	29.53	70	56	53		bc	cis	3		
4									SExE	2	29.54	70	54	51		bc	cis	3		
5									"	2	29.53	70	54	51		bc	cis	4		
6									"	2	29.50	69	54	51		bc	cis	4		
7									"	1	29.54	71	54	51		bcz	cis	7		
8									"	1	29.55	72	52	49		bcz	cis	7		
9									"	1	29.53	72	51	48		bcz	cis	8		
10									SE	1	29.55	74	56	53		bcz	cis	8		
11									S	1	29.55	74	62	59		bcz	cis	6		
12									S	1	29.55	74	63	60		bcz	cis	9		

a. m. Latitude	
a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
p. m. Latitude	
p. m. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:
Maximum
Minimum

Compass	
S. II	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	33
Coal. On hand	139.3
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1	Infantry	
2	drill	
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SE	1	29.53	76	63	60		bcz	as		9	
2									SE	1	29.51	75	65	62		bc	cis		5	
3									SE	1	29.50	76	65	62		bc	cis		5	
4									E	1	29.50	77	62	59		bcz	as		9	
5									E	2	29.50	77	60	57		bc	as		9	
6									E	2	29.52	77	60	57		bc	as		9	
7									E	2	29.53	76	60	57		bc	as		9	
8									E	2	29.53	76	60	57		bc	as		9	
9									E	2	29.53	76	60	57		bc	as		9	
10									E	2	29.53	76	58	55		bc	as		8	
11									E	2	29.53	74	59	56		bc	as		8	
12									E	2	29.53	72	59	56		bc	as		8	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 22 October 1918

REMARKS.

Commencing and until 4 am
Tied up to Pugh Terminal dock of Chicago, Illinois, in 2 3/4 fathoms of water. Boiler no. 1 steaming for auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
Carried out morning orders. Liberty party returned with no absentees.

L. A. Hanley Ensign USNRF-4 lah

8:00 am to Meridian
8:48 received from Great Lakes Naval Training Station 2 bbl. lime, 2 boxes supplies. 9:00 mustered at quarters. Crew engaged in infantry drill.

J. E. Ashworth
Ensign USNRF-4 sea

Meridian to 4:00 pm
12:20 C.W. Rolff, CY, USNRF, was transferred to Great Lakes Training Station.

J. P. Luby Ensign USNRF-4 jps

4:00 pm to 6:00 pm
No remarks.

J. E. Flanders Ensign USNRF-4 jef

6:00 pm to 8:00 pm
Morgan, L., Sea2c, returned from furlough, expiring at 7:30 22 October.

L. A. Hanley Ensign USNRF-4 lah

8:00 pm to 12:00 pm
No remarks.

J. E. Ashworth
Ensign USNRF-4 sea

Approved: E. H. Holmes
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 23 October, 1918

G.L. Holsinger, Lieut. USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									E	1	29.52	74	58	55		bc	cis		8	
2									E	1	29.52	72	58	55		bc	cis		8	
3									E	1	29.51	70	58	55		oc	cis		10	
4									E	1	29.51	70	58	55		oc	cis		10	
5									Calm	0	29.54	72	58	55		bcz	cu		9	
6									SxE	1	29.55	74	58	56		bcz	cu		9	
7									E	1	29.57	74	58	56		bcz	cis		9	
8									E	11	29.57	71	54	51		bcz	cis		9	
9									E	1	29.57	71	54	51		bcz	cis		9	
10									E	1	29.57	70	56	53		bcz	cis		9	
11									E	1	29.57	69	56	53		bcz	cis		9	
12									E	1	29.57	71	59	56		bcz	cis		9	

Lat. 8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. Received / Expended 3.9 tons / On hand 135.1 tons

Fuel oil. Received / Expended / On hand

Water. Distilled / Received / Expended 28 gal. / On hand 1562 gal.

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									E	1	29.65	70	60	57		ocz	cis		9	
2									E	1	29.53	72	61	59		ocz	cis		9	
3									E	1	29.53	73	60	57		ocz	cis		10	
4									E	2	29.53	73	60	57		ocr	n		10	
5									E	2	29.53	73	60	57		ocr	n		10	
6									E	2	29.53	72	60	57		ocr	n		10	
7									E	2	29.52	73	62	59		ocr	n		10	
8									E	2	29.51	74	62	59		ocr	n		10	
9									E	2	29.50	75	60	58		ocr	n		10	
10									E	2	29.48	72	60	58		ocr	n		10	
11									E	2	29.46	71	60	58		ocr	n		10	
12									SE	2	29.43	70	60	58		ocr	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 23 October 1918

REMARKS.

Commencing and until 4.00 a.m.

Tied up to Pugh Terminal Dock of Chicago, Illinois in 2-3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

J. P. Lulay Ensign USNRF-4 jps

4.00 a.m. to 8.00 a.m.

Liberty party returned with no absentees.

J. E. Flanders Ensign USNRF-4 jef

8.00 a.m. to meridian.

Carried out morning orders.

L. A. Hanley Ensign USNRF-4 lah

Meridian to 4.00 p.m.

Loaned to U.S.S.SANDOVAL, during their target practice, one crank, one operating lever, and screw, two firing pins, for three pounder breeck mechanism.

S. E. Ashworth Ensign USNRF-4 sea

4.00 p.m. to 6.00 p.m.

J. F. Meinzer, QM3c, USN, transferred to Municipal Pier.

J. P. Lulay Ensign USNRF-4 jps

6.00 p.m. to 8.00 p.m.

Bedell, S. O. PhM3c, USN, returned at 6.15 from furlough expiring at midnight tonight.

J. E. Flanders Ensign USNRF-4 jef

8.00 p.m. to midnight.

Received the following supplies from Great Lakes Training Station:

1500 lbs granulated sugar
300 lbs table salt
450 lbs rolled oats
500 lbs rice
2000 lbs flour
500 lbs corn meal
500 lbs navy beans

L. A. Hanley Ensign USNRF-4 lah

Approved:

G. Malmgren
Lieutenant USNRF-1
Commanding

Examined:

R. M. Macdonald
Ensign (T) U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois. TO _____, 24 October, 1918

G. L. Holsinger, Lieut., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked			Chicago				S	1	29.43	71	60	60		OCM	N		10	
2				"					S	1	29.43	74	60	60		OCM	N		10	
3				"					SE	1	29.41	74	59	59		OCM	N		10	
4				"					SE	1	29.40	74	60	60		OCM	N		10	
5				"					SE	1	29.38	72	60	60		OCM	N		10	
6				"					SE	1	29.39	74	60	60		OCM	N		10	
7				"					SE	1	29.38	72	62	62		OCZ	S		10	
8				"					SE	1	29.38	70	60	58		BCE	N		10	
9				"					SE	1	29.37	70	60	58		BCE	N		10	
10				"					SE	1	29.35	71	62	60		BCE	N		10	
11				"					SE	1	29.32	70	62	60		BCE	N		10	
12				"					SE	1	29.28	68	62	60		BCE	N		10	
P. M.																				
1		Docked			Chicago				SE	1	29.28	70	62	59		OCV	N		10	
2				"					SE	1	29.28	70	62	59		OCV	N		10	
3				"					SE	1	29.27	72	62	59		OCV	N		10	
4				"					SE	1	29.24	72	62	59		OCV	N		10	
5				"					SE	1	29.21	69	62	59		OCV	N		10	
6				"					SE	1	29.20	69	60	56		OCV	N		10	
7				"					SE	1	29.20	66	58	55		OCV	N		10	
8				"					SE	1	29.20	66	66	63		OCV	N		10	
9				"					SXE	1	29.23	68	65	62		OCV	N		10	
10				"					SXW	1	29.25	68	65	62		OCV	N		10	
11				"					SW	1	29.27	70	64	61		OCZ	AS		10	
12				"					WSW	1	29.30	72	62	59		OCZ	AS		10	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. II _____
Error _____
Variation _____
Deviation _____

Coal. Received _____ Expended 4.2 tons On hand 130.8 tons

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 24 October, 1918

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dock of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes. Received the following supplies from Great Lakes Training Station:

Apricots	10 cases
Baking powder	2 cases
Cocoanut	24#
Corn tinned	10 cases
Corned beef	3 cases
Lemon extract	4 cases
Lard	10 cases
Tinned peaches	15 cases
Black peas	10 cases
Tomatoes	16 cases
String beans	295#
Macaroni	100#
Evaporated milk	240#
Tinned peas	300#
Tinned prunes	245#
Tea	79#

L E Ashworth
Ensign USNRF-4 sea

4:00 am to 8:00 am
No remarks.

J P Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
No remarks.

J. E. Flanders
Ensign USNRF-4 jef

Meridian to 4:00 pm
Sent 23 men to the COMMODORE. Received 31# Fish from Booth Fisheries.

L A Stanley
Ensign USNRF-4 lah

4:00 pm to 6:00 pm
No remarks.

L. E. Ashworth
Ensign USNRF-4 sea

6:00 pm to 8:00 pm
No remarks.

J P Seeley.
Ensign USNRF-4 jps

8:00 pm to 12:00 mid.
No remarks.

J. E. Flanders
Ensign USNRF-4 jef

Approved:
G Halsey
Lieutenant USNRF-1

Examined:
R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX 25 October 1918

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. TO _____, _____, 191

G.I. Holsinger, Lieut. USNRF-1 U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago.						WxS	WxS	1	29.31	74	53	50		ocz	as		10	
2									WxS	1	29.38	74	51	49		ocz	as		10	
3									WxS	1	29.38	73	49	46		oc	as		10	
4									W	1	29.43	73	48	46		oc	as		10	
5									W	1	29.47	74	48	45		oc	as		10	
6									W	1	29.48	72	48	45		oc	as		10	
7									W	1	29.50	73	47	44		oc	as		10	
8									W	1	29.51	72	47	44		oc	as		10	
9									W	1	29.51	70	47	44		oc	as		10	
10									W	1	29.51	69	47	44		ocz	as		10	
11									W	1	29.51	67	50	47		ocz	as		10	
12									W	1	29.51	65	50	47		ocz	as		10	

a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended 3.5 tons On hand 127.2 tons

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand 1760

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked at Chicago.							W	1	29.51	65	52	49		ocz	as		10	
2									NxW	1	29.51	71	53	50		ocz	as		10	
3									NxW	1	29.52	71	55	52		ocz	as		10	
4									NxW	1	29.54	69	55	52		ocz	as		10	
5									N	1	29.55	72	56	53		ocz	as		10	
6									N	1	29.57	73	56	53		ocz	as		10	
7									E	2	29.58	74	56	53		ocz	as		10	
8									E	2	29.60	74	56	53		ocz	as		10	
9									E	2	29.57	74	56	53		ocz	as		10	
10									E	2	29.57	74	56	53		ocz	as		10	
11									E	2	29.57	75	56	53		ocz	as		10	
12									E	2	29.57	75	56	53		ocz	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 25 October 1918

REMARKS.

Commences and until 4:00 am
Tied up to Pugh Terminal Dock of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler in use for auxiliary purposes.

L. A. Stanley Ensign USNRF-4 lah

4:00 am to 8:00 am
No remarks.

L. E. Ashworth Ensign USNRF-4 sea

8:00 am to Meridian
9:20 Shreve, H.E. CM1c, USN returned from leave expiring 12:00 noon Oct. 27, 1918. Exley, R.B., Y1c, USNRF-2, returned from leave expiring 12:00 noon 25 October 1918. 11:15 King, E.N. pntr1c, USN, returned from leave expiring 12:00 noon 25 October 1918.

J. P. Seeley Ensign USNRF-4 jps

Meridian to 4:00 pm
Received the following amount of lumber from J.E. Burns Lumber Co.:
500 ft. Match stuff, 6" wide, yellow pine #1
50 pieces 2x4, 16' long, yellow pine
10 pieces 2x6, 16' long, yellow pine
250 ft. White pine dressed, 1", #2 grade
150 ft. Rough pine 1 1/4"
5 rolls roofing paper, 2 ply.

J. E. Flanders Ensign USNRF-4 jef

4:00 pm to 6:00 pm
Shoved off liberty party at 5:30.

L. A. Stanley Ensign USNRF-4 lah

6:00 pm to 8:00 pm
No remarks.

L. E. Ashworth Ensign USNRF-4 sea

8:00 pm to Midnight
No remarks.

J. P. Seeley Ensign USNRF-4 jps

Approved: L. C. Hakenjos
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

~~AT OR EN ROUTE FROM~~ Chicago, Ill. TO 26 October, 1918

G.L. Holsinger, Lieut. USNRF U.S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Tler. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									E	2	29.60	75	58	55		oc	as		0	
2									E	2	29.61	75	58	55		oc	as		0	
3									E	2	29.61	75	58	55		oc	as		0	
4									E	2	29.60	74	58	55		oc	as		0	
5									E	2	29.61	74	56	53		oc	as		0	
6									E	2	29.61	75	55	52		oc	as		0	
7									E	2	29.62	74	55	52		odz	n		0	
8									E	2	29.62	74	55	52		odz	n		0	
9									E	2	29.62	73	55	52		odz	as		0	
10									E	2	29.68	72	55	52		odz	as		0	
11									E	2	29.57	68	56	53		odz	as		0	
12									E	2	29.56	68	56	53		odz	as		0	

Lat. a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

Lat. p. m. Latitude _____ Longitude _____

Current Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. Received _____ Expended 4 On hand 123.2

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Docked at Chicago.								E	2	29.51	68	57	54		ocz	as		10	
2									E	2	29.50	67	57	54		ocz	as		10	
3									E	2	29.50	67	58	55		ocz	as		10	
4									ESE	1	29.48	67	58	55		ocz	as		10	
5									E	1	29.49	67	58	55		ocz	as		10	
6									E	1	29.49	68	58	55		ocz	as		10	
7									E	1	29.49	68	58	55		ocz	as		10	
8									E	1	29.49	68	58	55		ocz	as		10	
9									E	1	29.49	68	58	55		ocz	as		10	
10									E	1	29.48	70	58	55		ocz	as		10	
11									E	1	29.48	72	57	55		ocz	as		10	
12									E	1	29.46	72	57	54		ocz	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 26 October 1918 .....

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dock of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming from auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
Carried out morning order. Liberty party returned with no absentees.

L. A. Hanley Ensign USNRF-4 lah

8:00 am to Meridian
9:00 am received from Schulze Baking Co. 100# bread. 10:35 Captain's inspection. 11:00 am received from Cohen and Co. 78# chicken.

S. E. Ashworth
Ensign USNRF-4 sea

Meridian to 4:00 pm
Shoved off liberty party at 2:00 pm. Received 30# lettuce from Maurice Cohen.

L. A. Hanley Ensign USNRF-4 lah

4:00 pm to 6:00 pm
Received from Consumer's Ice Co. of Chicago Illinois, 8000# of ice.

J. E. Flanders Ensign USNRF-4 jef

6:00 pm to 8:00 pm
No remarks.

L. A. Hanley
Ensign USNRF-4 lah

8:00 pm to Midnight
No remarks.

S. E. Ashworth
Ensign USNRF-4 sea

Approved: E. H. Heberling
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

~~AT OR EN ROUTE FROM~~ Chicago, Ill. TO 27 October 1918, 191

G.I. Holsinger, Lieutenant, USNRF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked at Chicago.								E	2	29.60	75	58	55		ocz	as		10	
2									E	2	29.61	75	58	55		ocz	as		10	
3									E	2	29.60	75	58	55		ocz	as		10	
4									E	2	29.60	74	58	55		ocz	as		10	
5									E	2	29.61	74	56	53		ocr	w		10	
6									E	2	29.61	75	55	52		ocr	w		10	
7									E	2	29.62	74	55	52			w		10	
8									E	2	29.62	74	55	52		ocr	w		10	
9									E	2	29.62	73	55	52		ocr	w		10	
10									E	2	29.68	72	55	52		ocr	w		10	
11									E	2	29.57	68	56	53		ocz	as		10	
12									E	2	29.56	68	56	53		odz	as		10	

a. m. Latitude	
a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
p. m. Latitude	
p. m. Longitude	
Current Set	
Current Drift	
Magazine Temperatures: Maximum	
Magazine Temperatures: Minimum	

Compass	
S. II	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Docked at Chicago.								SE	4	28.98	78	64	61		bc	as		8	
2									SE	4	28.94	79	66	63		oc	as		10	
3									SE	4	28.90	79	66	63		ocr	ns		10	
4									SE	4	28.88	78	63	60		ocr	n		9	
5									SE	4	28.85	75	64	61		bc	as		8	
6									SE	5	28.84	75	64	61		bc	ac		6	
7									SE	4	28.83	75	64	61		bc	ac		6	
8									SE	4	28.84	75	64	61		bc	ac		4	
9									SW	4	28.85	75	60	57		bc	ac		10	
10									SW	5	28.87	71	56	53		bc	as		10	
11									SW	5	28.85	68	56	53		oc	as		10	
12									SW	5	28.85	68	54	51		oc	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 27 October 1918

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dock of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes. Moved ship's clock back an hour at 2:00 am.

L. Stanley Ensign USNRF-4 lah

4:00 am to 8:00 am
Liberty party returned with no absentees. Barometer falling .

J. E. Flanders Ensign USNRF-4 jef

8:00am to Meridian
10:00 Anderson, R.O.; BM1c, USN, returned from leave, expiring at noon 27 October 1918. 10:35 Bush, C.C., QM3c, USN, returned from leave expiring at 12:00 noon 27 October 1918.

J. P. Sulley Ensign USNRF -4 jps

Meridian to 4:00 pm
Barometer falling.

S. E. Ashworth
Ensign USNRF-4 sea

4:00 pm to 6:00 pm
Barometer falling steadily.

J. P. Sulley. Ensign USNRF-4 jps

6:00 pm to 8:00 pm
Barometer steady.

J. E. Flanders Ensign USNRF-4 jef

8:00 pm to Midnight.
No remarks.

J. P. Sulley. Ensign USNRF-4 jps

Approved:
L. Wakeman
Lieutenant USNRF-1

Examined:
R. M. Macdonald
Ensign (T) USN U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP _____

AT ~~GREEN ROUTE FROM~~ Chicago, Illinois TO 28 October, 1918

G.L. Holsinger, Lieutenant, USNRF, U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked in Chicago								SW	5	28.86	67	49	46		ovc	as		10	
2									SW	6	28.86	67	49	46		ovc	as		10	
3									SW	6	28.92	79	47	44		ovc	as		10	
4									SW	5	28.95	79	46	43		ovd	as		10	
5									S	5	28.94	80	46	43		oc	as		10	
6									SW	5	28.94	76	46	43		oc	as		10	
7									SW	5	28.95	75	48	45		oc	as		10	
8									SW	5	28.99	77	47	43		oc	as		10	
9									SW	5	29.01	79	48	45		oc	as		10	
10									SW	5	29.03	78	49	46		oc	as		10	
11									SW	5	29.07	82	52	50		oc	as		10	
12									SW	3	29.07	82	52	54		oc	as		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:

Maximum

Minimum

Compass

S. H

Error

Variation

Deviation

Coal. { Received / Expended 2.8 / On hand 120.1

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Docked in Chicago, Ill.								W	3	29.02	73	58	55		bcz	as		6	
2									SxW	1	29.01	71	65	62		bcz	as		4	
3									SxW	2	29.01	70	63	60		bcz	ci		2	
4									WSW	2	29.04	69	60	57		bcz	as		2	
5									WSW	1	29.05	70	60	57		bcz	as		4	
6									WSW	1	29.07	70	60	57		bc	as		3	
7									WSW	1	29.06	70	60	57		bc	as		2	
8									SSW	1	29.08	70	59	56		bc	as		2	
9									SW	1	29.13	72	56	53		bc	as		2	
10									SW	2	29.14	74	55	52		bc	as		3	
11									SW	2	29.13	76	54	51		bc	as		3	
12									WxS	2	29.13	72	53	50		bc	as		3	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX October 28, 1918

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dcok of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

L. E. Ashworth
Ensign USNRF-4 sea

4:00 am to 8:00 am
Liberty party returned with no absentees.

J P Seeley
Ensign USNRF-4 jps

8:00 am to Meridian.
Received from Roberts and Oaks, Port Packers, 78# sugar cured ham. Received from Armous and Co. 1 sheep, weight 60#. Received from Schultze Baking Co. 100# bread; From Maurice Cohen 25# celery; from S. Hauston and Son 201# bananas; from Arnold Bros. 75# Pork loins, and 30# bologna; from Morris and Co. 75# Navy Pork Sausage; from C.H. Weaver and Co. 4 cases of eggs.

J. E. Flanders
Ensign USNRF-4 jef

Meridian to 4:00 pm
Received from Maurice Cohen 50# Egg Plant. Hudson, J.R., sea, returned from furlough expiring at noon 28 October. Flow, H.H., Cox, transferred to Municipal Pier. Anderson, R.O., BM1c, transferred to Commodore. Seay, F.W., Sea, transferred to hospital at Great Lakes, Naval Training Station.

L. A. Hanley
Ensign USNRF-4 lah

4:00 pm to 6:00 pm
No remarks.

L. E. Ashworth
Ensign USNRF-4 sea

6:00 pm to 8:00 pm
No remarks.

J P Seeley
Ensign USNRF-4 jps

8:00 pm to 12:00 midnight
No remarks.

J. E. Flanders
Ensign USNRF-4 jef

Approved:
G. W. Halsey
Lieutenant USNRF-1

Examined:
R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

~~AT OR EN ROUTE FROM~~ Chicago, Ill. TO ~~29 October 1918~~, 191

G.L. Holsinger Lieut. USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									SWxW	2	29.13	72	53	50		b				
2			-						SWxW	2	29.13	72	53	50		b				
3									SW	2	29.11	73	53	50		co	as		10	
4									SW	2	29.01	74	53	50		co	as		10	
5									SW	1	29.10	74	52	49		oc	as		10	
6									SW	1	29.14	76	52	49		ocz	as		10	
7									SW	1	29.14	76	53	50		bcz	cis		7	
8			-						SW	1	29.15	74	54	51		bcz	cis		7	
9									SW	1	29.12	70	58	55		bcz	cis		7	
10									SW	1	29.06	70	60	57		bcz	cis		6	
11									W	1	29.05	69	62	59		bc	cis		10	
12									WSW	1	29.03	69	64	61		bc	cis		8	

Noon. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 2.9 / On hand 117.2

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									S	1	29.81	68	64	61		bc	scu		7	
2									SxW	1	29.02	67	62	60.		bcr	n		8	
3									SxW	1	29.02	65	60	58		cor	n		10	
4									SW	1	29.02	66	59	56		bcz	scu		8	
5									W	1	29.05	69	57	54		bcz	scu		7	
6									W	1	29.07	69	56	53		bcz	scu		8	
7									W	1	29.08	67	55	52		ocz	as		10	
8									W	1	29.08	70	54	51		ocz	as		10	
9									W	1	29.10	70	54	51		bc	acu		5	
10									W	1	29.15	74	52	49		bc	acu		8	
11									W	1	29.15	74	51	48		bc	acu		4	
12									W	1	29.18	74	51	48		bc	s		2	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP U.S.S.ESSEX 29 October 1918

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dock of Chicago Illinois in 2 3/4 fathoms of water. #1 boiled steaming for auxiliary purposes.

L.A. Stanley Ensign USNRF-4 lah

4:00 am to 8:00 am
No remarks.

L.E. Ashworth
Ensign USNRF-4 sea

8:00 am to Meridian
Nor remarks.

J.P. Luley. Ensign USNRF-4 jps

Meridian to 4:00 pm
Demrosky, Felix F., BM1c, USNRF-2, was transferred to the U.S.S. WILMETTE, South Chicago, Illinois.. Shepard, R.B., QM3c, USNRF, was transferred to the Officer Material School, Great Lakes, Illinois.

J.E. Flanders Ensign USNRF-4 jef

4:00 pm to 8:00 pm
No remarks.

L.A. Stanley Ensign USNRF-4 lah

6:00 pm to 8:00 pm
No remarks.

L.E. Ashworth
Ensign USNRF-4 sea

8:00 pm to midnight.
11:00 Thomas J.R., Bsmthlc, USN, returned from leave of absnece expiring 12 midnight 29 October 1918.

J.P. Luley Ensign USNRF-4 jps

Approved: E. Hakanson
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. TO 30 October, 1918

G.L. Holsinger Lieut. USNRF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									W	1	29.17	72	49	46		bc	s		2	
2									W	1	29.20	76	48	45		bc	s		2	
3			-						W	1	29.21	79	46	43		bc	s		2	
4									W	1	29.23	79	46	43		bc	s		2	
5									W	1	29.24	78	46	43		bc	cis		3	
6									NW	1	29.24	76	46	43		bc	cis		5	
7									NW	1	29.24	68	46	43		bc	cis		5	
8									NW	1	29.22	67	47	44		bc	cis		5	
9			-						NW	1	29.22	67	48	45		bc	cis		7	
10									W	1	29.22	68	47	44		bcz	cis		4	
11									W	1	29.20	68	51	48		bcz	ci		3	
12									W	1	29.20	71	53	50		bcz	cicu		3	

P. M.																				
1	Docked at Chicago.								NW	2	29.21	72	61	58		bc	acu		4	
2									NW	2	29.21	74	60	57		bc	acu		5	
3									NW	2	29.23	74	56	53		bc	acu		5	
4									W	2	29.27	76	50	47		bcz	as		8	
5									W	1	29.30	75	50	47		bcz	as		10	
6									W	1	29.28	71	48	45		ocz	as		10	
7									W	1	29.27	67	47	44		ocx	as		10	
8									W	1	29.28	75	46	43		ocz	as		10	
9									W	1	29.28	71	46	43		bz	cis		5	
10									W	2	29.27	77	46	43		bz	cis		5	
11									W	2	29.27	68	46	43		ocz	as		10	
12									W	2	29.24	66	45	42		ocz	as		10	

a. m. Latitude _____
Longitude _____

Noon. Latitude _____
Longitude _____

p. m. Latitude _____
Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. Received _____ Expended 4 On hand 113.2

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 30 October 1918

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dock of Chicago, Ill., in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
Carried out morning orders. Liberty party returned with no absentees.

L. A. Hanley Ensign USNRF-4 lah

8:00 am to 12:00 meridian
8:05 received from Armour and Co. 360# cattle. 9:30 am received from Guggenheim Bros. 25# Livers. 10:52 U.S.S. SANDOVAL tied up to Pugh Terminal. 11:15 Captain held mast and awarded the following punishments: Hudson, J.R., Sea, USN, carelessness in handling rifle while on sentry duty, 10 hours extra duty; disobedience to orders, 2 weeks restriction. Mendelsohn, J., PhM2c, USNRF, sleeping in, two weeks restriction. 11:30 the following articles were returned from the SANDOVAL: 1 operating lever, and pup screw, 1 crank, 2 firing pins for 3 pdr. breech mechanism.

A. E. Ashworth Ensign USNRF-4 sea

Meridian to 4:00 pm
3:40 pm Borecky, T., Bmkr, USN, returned from leave to expire midnight Oct. 30, 1918.

J. P. Sulzy Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

J. E. Flanders Ensign USNRF-4 jef

6:00 pm to 8:00 pm
No remarks.

L. A. Hanley Ensign USNRF-4 lah

8:00 pm to Midnight.
No remarks.

A. E. Ashworth Ensign USNRF-4 sea

Approved: E. Wahlberg Jr. Lieutenant USNRF-1

Examined: R. M. Macdonald Ensign (T) USN U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP USSEX

AT OR EN ROUTE FROM _____ TO 31 October, 1918

G.L. Holsinger, USNRF-1, Lieut USNRF, U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked in Chicago, Ill							W	1	29.27	75	46	43		co	as		10	
2									W	1	29.29	77	44	41		co	as		10	
3									W	1	29.30	79	44	41		co	as		9	
4									W	1	29.30	80	44	41		co	as		10	
5									W	1	29.33	78	44	41		ocz	as		10	
6									W	1	29.34	78	44	41		ocz	as		10	
7									W	1	29.31	70	44	41		ocz	as		10	
8									W	1	29.32	68	43	40		ocz	as		10	
9									W	1	29.30	68	44	41		ocz	as		10	
10									W	1	29.30	67	44	41		bcz	acu		9	
11									W	1	29.31	68	44	41		bcz	acu		8	
12									W	1	29.31	68	46	43		bcz	acu		8	

a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass
S. H
Error
Variation
Deviation

Coal: { Received _____ Expended 3.2 tons On hand 110 tons

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked in Chicago							W	2	29.31	67	45	42		ocz	as		10	
2									W	1	29.32	67	43	41		ocz	n		10	
3									W	1	29.32	65	43	41		ocz	as		10	
4									W	1	29.33	64	41	38		ocz	as		9	
5									W	1	29.33	65	40	37		ocr	n		9	
6									W	1	29.34	65	40	33		ocr	n		10	
7									W	1	29.37	64	38	35		ocr	n		10	
8									W	1	29.38	64	38	35		ocr	n		10	
9									W	2	29.45	76	37	34		ocz	as		10	
10									W	2	29.48	76	38	35		ocz	as		10	
11									W	2	29.50	75	37	34		oca	as		10	
12									W	2	29.48	75	37	34		ocz	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP U.S.S. ESSEX 31 October 1918

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dock of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes. 12:42 am the Provost Guard telephoned that Grazer, A., was being held because of not having pass on liberty.

J.P. Lesley Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J.E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
Continued work of painting ship. At 9.15 received from Great Lakes Naval Training station 7 bundles of brooms and a box of packing. At 9:25 received from Schulze Baking Co. 100# bread. At 9:40 Grazer, A., Sea, USNRF, brought aboard in state of intoxication. Placed in brig awaiting mast.

L.A. Hanley Ensign USNRF-4 lah

Meridian to 4:00 pm
No remarks.

A.E. Ashworth
Ensign USNRF-f sea

4:00 pm to 6:00 pm
No remarks.

J.P. Lesley Ensign USNRF-4 jps

6:00 pm to 8:00 pm
At 6:15 Mason, Y.M., oiler, USN, reported in from furlough expiring at midnight Oct. 31.

J.E. Flanders Ensign USNRF-4 jef

8:00 pm to Midnight
Held general muster at 9:30 pm. 12:00 pm DeFord, R.L., F3c, USN, returned from leave of absence, expiring at midnight Oct. 31.

L.A. Hanley Ensign USNRF-4 lah

Approved: E.H. Nelson
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP _____

AT OR EN ROUTE FROM _____ TO _____, 191

_____, _____, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

9 a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

9 p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum _____

Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

DEC 19 1918.

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. ESSEX

Rate,

COMMANDED BY

G L Holsinger, Lieutenant USNRF-1, U. S. Navy,

Attached to { Division, Squadron, Fleet,

Commencing 1 November, 1918,

at Chicago, Illinois,

and ending 30 November, 1918,

at Chicago, Illinois

1917.

4—2000

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LOG BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by G.L. Holsinger, Lieut, RF-1, U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 November, 1918, to 30 November, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
G.L. Holsinger	Lieut. USNRF-1	5/22/18	11/27/18	U.S.S. PUEBLO
R.M. Macdonald	Ensign (T) USN	9/21/18		
C.E. Crone	Ensign USNRF-4	3/25/18	11/4/18	U.S.S. SANDOVAL
S.E. Ashworth	Ensign USNRF-4	10/4/18	11/7/18	U.S.S. COMMODORE
J.P. Seeley	Ensign USNRF-4	10/6/18		
J.E. Flanders	Ensign USNRF-4	9/4/18		
Hanley, L A.	Ensign USNRF-4	9/4/18	11/2/18	U.S.S. COMMODORE
Wood, G W	Lieut. Med. Corps USNRF-2	3/15/18		
Wright, R.E.	Ensign Pay Corps USNRF-4	4/13/18		
Krause, J.	Carpenter (T) USN	10/15/17		

Examined and found to be correct.

R. M. Macdonald
Ensign (T) USN

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. _____, commanded by _____, U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from _____, 191 , to _____, 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, 30 November, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	2
3	Boatswain's Mates, first class	0
2	Boatswain's Mates, second class	1
6	Coxswains	3
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	
	Gunner's Mates, second class	
2	Gunner's Mates, third class	1
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	0
1	Chief Quartermaster (Signals)	1
2	Quartermaster, first class	0
2	Quartermaster, second class	0
2	Quartermaster, third class	2
50	Seamen	16
75	Ordinary Seamen	1
	Apprentice Seamen	
	Total 28	
	ARTIFICER BRANCH.	
1	Chief Electrician	2
1	Electricians, first class	1
1	Electricians, second class	1
2	Electricians, third class	2
11	Chief Electrician (Radio)	0
1	Electricians, first class (Radio)	0
1	Electricians, second class (Radio)	0
1	Electricians, third class (Radio)	0
1	Chief Carpenter's Mate	1
1	Carpenter's Mates, first class	2
	Carpenter's Mates, second class	1
1	Carpenter's Mates, third class	2
1	Shipwrights	1
1	Shipfitters, first class	2
	Shipfitters, second class	
1	Blacksmiths	1
11	Plumbers and Fitters	0
1	Sailmaker's Mates	0
	Printers	
	Painters, first class	1
	Painters, second class	1
1Eg	Painters, third class	1
	Total 19	
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	5
3	Machinist's Mates, first class	3
3	Machinist's Mates, second class	1
1	Chief Water Tenders	1
2	Water Tenders	2
1	Boiler Maker	1
1	Blacksmiths	1
	Coppersmiths	1
3	Oilers	4
6	Firemen, first class	4
6	Firemen, second class	2
6 F3c	Coal Passers	1
	Total 26	
	SPECIAL BRANCH.	
	Chief Yeoman—Commanding Officer	
	Chief Yeoman—Equipment Department	
4	Chief Yeoman—Pay Department	2
	Chief Yeoman—Engineer Department	
	Chief Yeoman—Executive Officer	
	Yeoman, first class—Commanding Officer	
	Yeoman, first class—Equipment Department	
5	Yeoman, first class—Executive Officer	0
	Yeoman, first class—Pay Department	
	Yeoman, first class—Engineer Department	
	Yeoman, first class—Ship's Store	
	Yeoman, second class—Commanding Officer	
	Yeoman, second class—Ordnance Officer	0 0
2	Yeoman, second class—Executive Officer	
	Yeoman, second class—Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—Pay Department	
	Yeoman, second class—Engineer Department	
	Yeoman, second class—Ship's Store	
	Yeoman, third class—Commanding Officer	
	Yeoman, third class—Equipment Department	
2	Yeoman, third class—Pay Department	3
	Yeoman, third class—Ship's Store	
	Yeoman, third class—Engineer Department	
	Yeoman, third class—Navigator	
	Yeoman, third class—Executive Officer	
	Hospital Steward	
	Hospital Apprentices, first class	
	Hospital Apprentices	
2	Buglers	1
	Bandmaster	
	First Musician	
	Musician, first class	
Ph M2c	Musicians, second class	1
LY	Total 8	1
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	1
	Commissary Steward	
1	Ship's Cooks, first class	3
1	Ship's Cooks, second class	1
2	Ship's Cooks, third class	1
1	Ship's Cooks, fourth class	3
	Bakers, first class	1
	Bakers, second class	1
	Total 11	
	MESSMEN BRANCH.	
1	Cabin Steward	0
1	Cabin Cook	1
1	Mess Attendant	0
1	Wardroom Steward	0
1	Wardroom Cook	2
4	Mess Attendants	3
1	Mess Attendants (Laundry)	0
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total 6	
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendants	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

4—2599

Examined and found to be correct.

R. M. Macdonald
Ensign (T) USN Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ESSEX

MAIN BATTERY.

GUNS.					REMARKS.	SHIP AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.		No.	Type.	Mark and Modifications.	
1	3 pdr	50	X 1	X					
2	do	do	X 1	X					
3	do	do	X	X					
4	do	do	X	X					
5	do	do	X	X					
6	do	do	X	X					

SECONDARY BATTERY.

GUNS.			REMARKS.	SHIP, BOAT, AND FIELD MOUNTS.			REMARKS.
No.	Cal.	Mark and Modifications.		No.	Type.	Mark and Modifications.	

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	REMARKS.

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

R. M. Macdonald
Ensign (T) USN

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. ..... ON BOARD THE U. S. S. .....

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.						
ANEROID BAROMETER.						
THERMOMETER (Dry Bulb).						
THERMOMETER (Wet Bulb). (Psychrometer.)						

Examined and found to be correct.

Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

UNITED STATES SHIP ESSEX 1 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up to Pugh Terminal Dock in Chicago, Illinois in 3 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

Ensign USNRF-4 sea

4:00 am to 8:00 am
Boyle, M.J., sea, USN, AOL.

Ensign USNRF-4 jps

8:00 am to Meridian.
Received from Booth Fisheries Co. 61# trout. Inspected and accepted by Medical Officer. Received from Schulze Baking Co. 130# bread. At 10:20 Boyle, M.J. sea, USN, returned aboard AOL 2 hours and 20 minutes.

Ensign USNRF-4 jef

Meridian to 4:00 pm
Carried out general field day routine. At 1:00 pm held Captins's mast. Grazer, A., Sea, USNRF, received 5 days confinement in brig on bread and water. Boyle, M.J. sea, USN, received two weeks restrictioN.

ENSIGN USNRF-4 lah

4:00 pm to 6:00 pm
5:30 pm Liberty party shoved off. Lesher, E.L., SC4c on leave of absnace expiring at 8:00 am, Nov. 13, 1918.

Ensign USNRF-4 sea

8:00 pm to 8:00 pm
No remarks.

Ensign USNRF-4 jps

8:00 pm to 12:00 MID.
No remarks.

Ensign USNRF-4 jef

Approved:
Lieutenant USNRF-1

Examined:
Ensign (T) USN
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

~~AT OR EN~~ ROUTE ~~FROM~~ Chicago, Ill. TO 2 November, 1918

_____, _____, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked at Chicago.								W	1	29.64	73	40	37		b	cloud		3	
2									W	1	29.67	75	39	36		b	"		3	
3									W	1	29.68	77	39	36		b	"		3	
4									W	1	29.69	79	40	37		b	"		3	
5									W	1	29.70	78	39	37		b	"		3	
6									W	1	29.68	68	39	37		bcz	as		8	
7									S	1	29.66	65	43	40		bcz	as		6	
8									S	1	29.65	64	44	41		bcz	cis		5	
9									SXW	1	29.66	65	45	42		bcz	cis		5	
10									SXW	1	29.65	67	49	46		bcz	cis		3	
11									SXW	1	29.65	69	52	49		bcz	cicu		7	
12									E	1	29.64	70	55	52		bcz	cicu		8	
P. M.																				
1	Docked at Chicago.								S	1	29.60	70	58	55		bcz	cicu		2	
2									S	1	29.60	70	62	59		bcz	cicu		5	
3									S	1	29.58	70	60	57		bcz	as		9	
4									S	1	29.60	78	58	55		bcz	ci		4	
5									S	1	29.60	77	58	55		bcz	cicu		5	
6									S	1	29.60	71	56	53		bcz	cicu		5	
7									SE	1	29.59	72	54	51		bcz	cicu		5	
8									SE	1	29.58	73	53	50		bcz	cicu		5	
9									SE	1	29.63	82	52	49		bcz	cicu		5	
10									SE	1	29.62	75	52	49		bcz	cicu		5	
11									W	2	29.61	79	51	48		bcz	cicu		5	
12									W	2	29.60	80	50	48		ocz	as		8	

a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

p. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal: Received _____ Expended _____ On hand _____

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 2 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal Slip of Chicago, Illinois in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

L.A. Hanley Ensign USNRF-4 lah

4:00 am to 8:00 am
No remarks.

Ensign USNRF-4 sea

8:00 am to Meridian
Received from Schulze Baking Co. 200# bread. 11:30 Rogers, H.D., Cab-std, USNRF-2, returned from leave expiring at 12:00 noon 2 November 1918.

J.P. Seeley. Ensign USNRF-4 jps

Meridian to 4:00 pm
Received from S. Housten and Son 100# chicken. Received from Standard Oil company 100 gal. gasoline. Received from Cohen and Co. 55# cabbage. L.A. Hanley, Ensign USNRF-4, detached and ordered to report to the Commanding Officer of the U.S.S. COMMODORE, Chicago, Ill.

J. E. Flanders Ensign USNRF-4 jef

4:00 pm to 6:00 pm
The following men left on furloughs: Wheatley, V.D., CM3c, USN, leave expiring Nov. 16; Irving, P.W., Elcg, USNRF , leave expiring Nov. 13; Crain, H.C., Flc, USN, leave expiring Nov. 13; Mack, H.L., E3c, USNRF, leave expiring Nov. 14; Moen, J.E., CM1c, USN, leave expiring Nov. 15; Brill, J.L., Sea, USN, leave expiring Nov. 14; Tuncil, A.A., Sea, USNRF, leave expiring Nov. 14.

J.E. Flanders Ensign USNRF-4 jef

6:00 pm to 8:00 pm
No remarks.

J.E. Flanders Ensign USNRF-4 jef

8:00 pm to 12:00 mid.
At 11:20 Wickersham, J.A., CMM, USN, returned from leave expiring at midnight this date.

J.E. Flanders Ensign USNRF-4 jef

Approved: [signature] Lieutenant USNRF-1

Examined: P.W. Macdonald Ensign (T) USN

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

~~AT OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 3 November 1918, 191

_____, _____, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago.							WSW	1	29.59	81	51	49	49	cor	n		10	
2									W	1	29.59	81	50	48	48	cor	n		10	
3									SW	1	29.56	77	51	49	49	co	as		10	
4									SW	1	29.56	77	52	49	49	coz	as		10	
5									SW	1	29.54	75	54	51	51	coz	as		10	
6									SW	1	29.49	75	53	50	50	bcz	acu		8	
7									SW	1	29.44	75	52	49	49	bcz	acu		8	
8									SSW	1	29.41	70	52	49	49	bcz	cicu		4	
9									SW	1	29.35	67	52	49	49	ocd	n		10	
10									SW	1	29.33	66	52	49	49	ocz	n		10	
11									SW	1	29.31	67	55	52	52	cpz	as		8	
12									SW	1	29.30	65	53	53		coz	scu		10	
P. M.																				
1									W	1	29.33	80	54	51		coz	scu		10	
2									W	1	29.36	85	53	50		coz	scu		10	
3									W	1	29.38	89	55	52		cog	as		10	
4									W	1	29.41	88	54	51		cog	as		10	
5									W	1	29.42	85	53	50		cog	acu		10	
6									W	1	29.45	82	54	51		cog	as		10	
7									W	1	29.45	77	53	50		ocz	as		10	
8									W	1	29.46	75	53	50		ocz	as		10	
9									W	1	29.46	72	53	50		ocz	as		10	
10									W	1	29.48	76	52	49		ocz	as		10	
11									W	1	29.51	77	52	49		ocz	as		10	
12									W	1	29.52	68	51	48		ocz	as		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 4.4 tons / On hand 97.6 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 3 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Ill., in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
No remarks.

J. E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
Received from Goodwin American Ice Cream Co. 15 bricks of ice cream.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4:00 pm
1:00 pm shoved off Liberty party.

L E Ashworth Ensign USNRF-4 sea

4:00 pm to 6:00 pm
No remarks.

L E Ashworth Ensign USNRF-4 sea

6:00 pm to 8:00 pm
No remarks.

L E Ashworth Ensign USNRF-4 sea

8:00 pm to Midnight.
No remarks.

L E Ashworth Ensign USNRF-4 sea

Approved: E. H. Galanin
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN U. S. N., Navigator.

4—2590

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ~~ROUTE FROM~~ Chicago, Ill. TO 4 November 1918

G.L. Holsinger, LIEUT. USNRF, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.57	80	52	49		ocz	as		10	
2									W	1	29.60	81	52	49		ocz	as		10	
3									W	1	29.61	81	52	49		ocz	as		10	
4									W	1	29.63	81	52	49		ocz	as		10	
5									W	1	29.66	80	50	49		ocz	as		10	
6									W	1	29.66	72	50	49		ocz	as		10	
7									W	1	29.66	70	50	49		bc	as		10	
8									Calm	0	29.66	69	50	47		bcz	acu		8	
9									N	1	29.67	70	51	48		bcz	acu		7	
10									N	1	29.70	71	54	51		bcz	acu		7	
11									NxE	1	29.71	74	58	55		bcz	acu		7	
12									Calm	0	29.72	76	58	55		bcz	acu		2	
P. M.																				
1			Docked at Chicago, Ill.						NW	1	29.73	75	68	65		bcz	acu		6	
2									NW	1	29.72	74	62	59		bcz	acu		8	
3									NW	1	29.72	72	58	55		ocz	acu		10	
4									S	1	29.70	73	55	52		ocz	acu		10	
5									E	1	29.70	68	54	51		bcz	acu		8	
6									E	1	29.70	68	58	51		bcz	acu		8	
7									E	1	29.70	67	52	49		bcz	acu		8	
8									E	1	29.65	67	51	48		bcz	acu		8	
9									E	1	29.67	64	52	49		bcz	as		9	
10									E	1	29.69	68	52	49		bdz	as		8	
11									E	1	29.69	68	51	48		bz	as		7	
12									E	1	29.72	68	50	47		bz	as		5	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 4 tons / On hand 98.6 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 4 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

Ensign USNRF-4 sea

4:00 am to 8:00 am
No remarks.

Ensign USNRF-4 sea

8:00 am to Meridian.
9:00 am received from Armour & Co. 3503 cattle; 9:30 received from C.H. Weaver & Co. 2 cases of eggs; 10:00 received from Schulze Baking Co. 130# bread; 11:00 received from Roberts and Oake 75# pork loin, 50# pork sausage, 100 # sugar cured hams; 11:30 provisions received from U.S.S. SANDOVAL, 117# milk, 30 doz. eggs, 24 jars jam, 24# salmon, 48# tomatoes, 68# pumpkins, 40# red raspberries, 53# tinned apples, 42# corned beef, 33#, 15 oz. pkgs raisins, 36#, 11 oz,,cans minced vegetables; 3 3/4# tinned peas, 1 1/4# tinned corn, 11#, 2 oz. pkg cranberries, 20# sauer-kraut, 7 1/2# canned spinnach, 27# syrup, 15# ketchup, 15# butter, 25# lard, 1/2 gallon vinegar, 5# mixed spices. 27 #

Ensign USNRF-4 sea

Meridian to 4:00 pm
1:00 Rodgers, H.D., Cab-std, USNRF-2, transferred to USS COM-MODORE. 1:00 received from Maurice Cohen and Co. 146 lbs grapefruit and 140 lbs. onions.

Ensign USNRF-4 jps

4:00 pm to 6:00 pm
No remarks.

Ensign USNRF-4 jps

6:00 pm to 8:00 pm
7:00 pm Kosick, J.E., EMc, USNRF-2, returned from leave of absence expiring 31 October with extension until 4 November.

Ensign USNRF-4 jps

8:00 pm to Midnight
No remarks.

Ensign USNRF-4 jps

Approved: Lieutenant USNRF-1

Examined: Ensign (T) USN U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR ENROUTE FROM~~ Chicago, Ill. ~~TO~~ 5 November 1918, 191x

G.L. Holsinger, Lieutenant USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1									E	1	29.70	67	50	47		b				
2									E	1	29.70	65	49	45		b				
3									E	1	29.71	65	48	45		b				
4									E	1	29.71	53	48	45		b				
5									E	1	29.71	59	47	44		b				
6									SE	1	29.71	57	47	44		bc	s		3	
7									SE	2	29.72	62	48	45		bc	s		3	
8									SE	2	29.75	62	48	45		bc	s		3	
9									SE	2	29.78	68	50	47		boz	cis		2	
10									SE	2	29.76	70	52	49		boz	cis		2	
11									SE	2	29.76	73	54	51		boz	cis		2	
12									SE	2	29.76	75	57	54		boz	cis		2	
P. M.																				
1									ESE	1	29.73	73	63	60		boz	cis		5	
2									ESE	1	29.71	72	65	62		boz	cis		4	
3									SE	1	29.72	73	65	62		boz	cis		4	
4									SE	1	29.70	72	59	56		boz	cis		8	
5									S	1	29.70	72	58	55		boz	cis		8	
6									S	1	29.68	70	54	51		boz				
7									S	2	29.66	70	54	51		b				
8									SE	2	29.67	70	53	50		b				
9									SE	2	29.67	68	53	50		b				
10									SE	2	29.67	67	53	50		b				
11									SE	2	29.66	66	52	49		b			8	
12									SE	2	29.66	66	50	48		b	cis			

Noon. Latitude / Longitude

P. M. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. Received / Expended 3.2 tons / On hand 89.4 tons

Fuel oil. Received / Expended / On hand

Water. Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 5 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Illinois, in 2 3/4 fathoms of water. # 1 boiler steaming for auxiliary purposes.

J. P. Seeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
11:25 Schyan, C.H., QM3c, USNRF-2, returned from leave of absence expiring 01 October with extension of 5 days.

J. P. Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
Received from Wilson and Co. 25# beef liver.

J. E. Flandern Ensign USNRF-4 jef

4:00 to 6:00 pm
At 5:58 Kelly, C., MAlc, and Bush, R.L., reported on board having missed the U.S.S. WOLVERINE at Chicago. They were further ordered to report to U.S.S. COMMODORE.

J. E. Flandern Ensign USNRF-4 jef

6:00 pm to 8:00 pm
No remarks.

J. E. Flandern Ensign USNRF-4 jef

8:00 pm to Midnight.
No remarks.

J. E. Flandern Ensign USNRF-4 jef

Approved:
Lieutenant USNRF-1
Commanding

Examined:
R. M. Macdonald
Ensign T U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 6 November, 1918

G.L. Holsinger, Lieut. USNRF U.S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dbt Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			DOCKED AT CHICAGO.						SE	2	29.66	66	49	46		b				
2									SE	2	29.66	65	48	45		b				
3									SE	2	29.66	65	48	45		b				
4									SE	2	29.66	65	47	44		b				
5									SXE	1	29.66	65	47	44		b				
6									S	1	29.66	65	47	44		bc	cis		3	
7									S	1	29.65	67	47	44		bcz	cis		3	
8									S	2	29.65	70	50	47		bcz	cis		3	
9									S	2	29.66	72	56	53		bcz	cis		3	
10									S	2	29.65	74	60	57		bcz	cis		3	
11									S	2	29.65	77	66	63		bcz	cicu		4	
12									S	2	29.65	78	67	65		bcz	cis		5	
P. M.																				
1			Docked at Chicago						S	2	29.60	74	80	77		bcz	cis		5	
2									S	2	29.58	75	76	77		bcz	cis		4	
3									S	2	29.58	77	72	70		bcz	cis		4	
4									S	2	29.60	80	70	67		bcz	cis		4	
5									S	2	29.60	80	70	67		bcz	cis		4	
6									S	2	29.58	75	66	63		bcz	cis		4	
7									S	2	29.57	74	65	62		bcz	cis		4	
8									S	2	29.57	74	64	61		bcz	cis		5	
9									SE	2	29.57	73	64	61		bcz	cis		9	
10									SE	2	29.57	73	64	61		bcz	cis		9	
11									SE	2	29.57	73	63	60		bcz	cis		9	
12									SE	2	29.57	72	63	60		bcz	cis		9	

a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 6 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Illinois in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
Liberty party returned with no absentees.

J. E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
Received from E. Kahn and Co. 1000 # potatoes. Grazer, A., Sea, USNRF, released from Brig and restored to duty. Placed on restricted list.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4:00 pm
No remarks.

L E Ashworth Ensign USNRF-4 sea

4:00 pm to 6:00 pm
No remarks.

L E Ashworth Ensign USNRF-4 sea

6:00 pm to 8:00 pm
No remarks.

L E Ashworth Ensign USNRF-4 sea

Approved: R. McGarigle
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 7 November, 1918

G.L. Holsinger, Lieut., USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked at Chicago.								SE	2	29.55	69	60	57		bcz	cis		8	
2									SE	2	29.54	68	60	57		bcz	cis		8	
3									SE	1	29.54	68	60	57		bcz	cis		8	
4									SE	1	29.54	67	60	57		bcz	cis		8	
5									SE	1	29.55	67	60	57		bcz	cis		8	
6									SE	1	29.55	69	60	57		bcz	cis		7	
7									SE	1	29.55	69	60	57		bcz	cis		7	
8									SE	1	29.59	75	61	58		buz	s		10	
9									S	1	29.63	76	56	53		orz	n		9	
10									S	1	29.61	75	56	53		orz	n		9	
11									SE	1	29.61	74	56	53		ocz	as		9	
12									SE	1	29.60	73	58	55		ocz	as		10	

3 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

3 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.5 tons / On hand 82.6 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Docked at Chicago.								SE	1	29.60	73	59	56		ocz	as		10	
2									SE	1	29.55	73	59	56		ocs	as		10	
3									SE	1	29.53	72	58	55		ocz	as		10	
4									SE	1	29.52	69	59	56		ocr	n		10	
5									E	1	29.49	71	54	52		ocr	n		10	
6									E	1	29.53	79	55	53		ocr	n		10	
7									E	1	29.53	81	56	54		ocr	n		10	
8									ESE	1	29.50	78	56	54		ocr	n		10	
9									ESE	1	29.47	74	56	54		ocr	n		10	
10									ESE	2	29.42	72	57	55		ocr	n		10	
11									S	2	29.41	71	57	55		ocr	as		10	
12									SXW	2	29.40	70	56	54		ocr	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 7 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

S E Ashworth Ensign USNRF-4 sea

4:00 am to 8:00 am
No remarks.

S E Ashworth Ensign USNRF-4 sea

8:00 am to Meridian
S.E. Ashworth, Ensign, USNRF-4, was this date detached from duty on this vessel and ordered to report for duty on board U.S.S. COMMODOREin obddience to orders from Commandant, 9th, 10th 11th Naval Districts. Received from Consumer's Ice Co. 3000# ice. Crew engaged in field day work.

F. J. Destka
F.J. Destka CQM

Meridian to 4:00 pm
At 2:00 received from Chapman & Smith Co. 48# Special Mince Meat; 30# Strawberry and Apple Jam; 30# Fig and Apple Jam; 30# Raspberry and Apple Jam; 30# Pineapple and Apple Jam; 30# Apple Butter. At 3:00 received from Schulze Baking Co. 50# bread.

J P Lecley
Ensign USNRF-4 jps

4:00 pm to 6:00 pm
4:00 received from Supply Officer, Great Lakes, Naval Training Station 5 drums paint (5893);5 cans Red Lead (3865); 1 box caps and gaskets (5322 short); 5 boxes white zink (5982).

J P Lecley
Ensign USNRF-4 jps

6:00 pm to 8:00 pm
No remarks.

J P Lecley
Ensign USNRF-4 jps

8:00 pm to Midnight.
No remarks.

J P Lecley
Ensign USNRF-4 jps

Approved: E. H. Halsey
Lieutenant USNRF-1

Examined: R.M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 8 November, 1918

G.L Holsinger, Lieut. USNRF-1 *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago.						S	1	29.40	70	56	53		ocr	n		0	
2									S	1	29.40	70	56	53		ocr	n		0	
3									SW	1	29.40	70	55	49		ocr	m		0	
4									SW	1	29.39	69	54	49		oc	as		0	
5									SW	1	29.36	69	51	54		oc	as		0	
6									SW	1	29.33	67	56	54		oc	as		0	
7									SW	1	29.33	67	56	55		ocr	n		0	
8									SW	1	29.32	68	57	55		ocr	n		0	
9									SW	1	29.33	68	57	54		ocr	n		0	
10									SW	1	29.32	67	57	53		ocr	n		0	
11									SW	1	29.32	68	56	53		ocr	n		0	
12									SW	1	29.34	69	56	53		ocr	n		0	

Lat. a.m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

Lat. p.m. Latitude _____ Longitude _____

Current Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. Received _____ Expended _____ On hand _____

Fuel oil. Received _____ Expended 4 tons On hand 78.6 tons

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago.						SW	1	29.35	71	57	54		ocr	n		10	
2									SW	1	29.33	68	54	51		ocr	n		10	
3									SW	1	29.32	63	54	51		ocz	n		10	
4									SW	1	29.31	65	53	50		ocz	n		10	
5									SW	1	29.31	65	53	50		ocr	n		10	
6									SW	1	29.32	65	53	50		ocr	n		10	
7									SW	1	29.33	70	52	49		ocr	n		10	
8									SW	1	29.33	70	52	49		ocr	n		10	
9									SW	1	29.33	70	49	46		ocr	n		10	
10									SW	1	29.32	67	49	46		ocr	n		10	
11									SW	1	29.31	67	49	46		ocr	n		10	
12									SW	1	29.31	67	49	46		ocr	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 8 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes.

J. P. Leeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Leeley
Ensign USNRF-4 jps

8:00 am to Meridian
No remarks.

J. P. Leeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
No remarks.

J. E. Flandern
Ensign USNRF-4 jef

4:00 pm to 6:00 pm
No remarks.

J. E. Flandern
Ensign USNRF-4 jef

6:00 pm to 8:00 pm
Transferred to Great Lakes Naval Training Station 50 Krag Rifles, Model 1898, 50 belts, 50 bayonets, and 50 scabbard.

J. E. Flandern
Ensign USNRF-4 jef

8:00 pm to Midnight
Liberty party returned with two absentees, Kosick, J, E3c, and bates, EEg.

J. E. Flandern
Ensign USNRF-4 jef

Approved: E. Walquist
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. TO 9 November, 1918

G.L. Holsinger, Lieut. USNRF-1, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago.							SW	1	29.30	67	49	46		ocr	n		10	
2									SW	1	29.30	67	49	46		ocr	n		10	
3									SW	1	29.30	67	49	46		ocr	n		10	
4									SW	1	29.30	67	47	44		ocr	n		10	
5									SW	1	29.28	63	44	41		ocz	n		10	
6									SW	1	29.28	63	42	39		ocz	n		10	
7									SW	2	29.34	70	41	38		bcz	as		7	
8									SW	2	29.34	70	41	38		bcz	as		7	
9									SW	2	29.38	65	42	39		bcz	as		8	
10									SW	2	29.38	65	42	39		bcz	as		8	
11									SW	2	29.38	65	42	39		bcz	as		7	
12									SW	2	29.38	63	43	40		ocz	as		10	
P. M.																				
1									W	2	29.39	62	43	40		ocz	acu		10	
2									W	2	29.40	62	43	40		ocz	as		10	
3									W	2	29.45	63	44	41		ocz	as		10	
4									W	2	29.50	63	42	39		ocz	as		10	
5									W	2	29.50	63	42	39		ocz	as		10	
6									W	1	29.51	62	42	39		oc	as		10	
7									W	1	29.56	71	41	38		oc	as		10	
8									W	1	29.64	78	42	39		oc	as		10	
9									WXS	1	29.65	72	42	39		oc	as		10	
10									W	1	29.65	68	42	39		oc	as		10	
11									W	1	29.65	78	42	39		oc	as		10	
12									W	1	29.68	75	42	39		oc	scu		10	

Noon. Latitude .....
Noon. Longitude .....

1 p. m. Latitude .....
1 p. m. Longitude .....

Current: Set .....
Current: Drift .....

MAGAZINE TEMPERATURES:
Maximum .....
Minimum .....

Compass .....
S. II .....
Error .....
Variation .....
Deviation .....

Coal: Received .....
Coal: Expended 4.4 tons
Coal: On hand 74.2 tons

Fuel oil: Received .....
Fuel oil: Expended .....
Fuel oil: On hand .....

Water: Distilled .....
Water: Received .....
Water: Expended .....
Water: On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 9 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes. At 1:30 am Kosick, J., E3c, and Bates, G.J., LEg, returned from ~~liberty~~ one hour and 30 minutes AOL.

J E Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
No remarks.

J. E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
Received from S. Houston and Son, 75# chicken.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4:00 pm
No remarks.

H. J. Deatko
COM

4:00 pm to 8:00 pm
The following named men were this date transferred to the U.S.S. COMMODORE, F.D. Holter, MM1c, USNRF-2, and Berecky, F., Bmker, USN.

H. J. Deatko
COM

8:00 pm to midnight.
No remarks.

H. J. Deatko
COM

Approved: E. H. Holmes
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OPEN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 10 November, 1918

G.L. Holsinger, Lieut., USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago.							W	1	29.71	77	43	40		oc	scu		10	
2									W	1	29.72	73	43	40		oc	scu		10	
3									W	1	29.72	71	42	39		oc	scu		10	
4									W	1	29.75	72	42	39		oc	as		10	
5									W	1	29.76	72	40	37		oc	scu		10	
6									W	1	29.77	70	40	37		oc	scu		9	
7									W	1	29.79	72	40	37		bc	acu		8	
8									W	1	29.87	76	41	38		bcz	acu		9	
9									NW	1	29.88	74	40	37		bcz	acu		9	
10									Calm	0	29.90	74	40	37		bcz	acu		9	
11									Calm	0	29.88	74	42	39		bcz	as		8	
12									calm	0	29.85	67	46	43		cz	as		9	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 4.0 tons On hand 70.2 tons

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked at Chicago							W	1	29.85	67	46	43		coz	as		7	
2									Calm	0	29.83	67	48	45		coz	as		6	
3									Calm	0	29.82	66	48	45		coz	as		6	
4									Calm	0	29.81	66	48	45		coz	as		6	
5									SW	1	29.83	66	44	41		coz	as		7	
6									SW	1	29.83	66	44	41		coz	as		6	
7									SW	1	29.88	73	44	41		bcz	as		5	
8									SW	1	29.85	68	44	41		bcz	as		5	
9									SW	1	29.90	73	44	41		bcz	as		10	
10									SW	1	29.90	73	44	41		bcz	as		10	
11									SW	1	29.90	73	43	40		bcz	as		10	
12									SW	1	29.90	73	43	40		bcz	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 10 November 1918

REMARKS.

Commencing and until 4.00a.m.

Steaming on No. 1 boiler for auxiliary purposes.

H. J. Deatka
Chief Quartermaster U.S.Navy

4.00 a.m. to 8.00 a.m.

Carried out morning orders. Liberty party returned, no absentees.

H. J. Deatka
Chief Quartermaster U.S.Navy

8.00 a.m. to meridian.

Held quarters at 9.30 a.m. for muster, no absentees.

H. J. Deatka
Chief Quartermaster U.S.Navy

Meridian to 4.00 p.m.

No remarks.

J. P. Lesley
Ensign USNRF-4 jps

4.00 p.m. to 8.00 p.m.

No remarks.

J. P. Lesley
Ensign USNRF-4 jps

8.00 p.m. to midnight.

No remarks.

J. P. Lesley
Ensign USNRF-4 jps

Approved:

Lieutenant USNRF-1
Commanding Officer

Examined:

R. M. Macdonald
Ensign (T) U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois TO _____, 11 November, 1918

G. L. Holsinger Lieutenant, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	DOCKED AT CHICAGO								SW	1	29.87	67	40	37		BCZ	AS		10	
2				"					SW	1	29.84	64	40	37		BCZ	AS		10	
3				"					SW	1	29.82	62	40	37		BCZ	AS		8	
4				"					SW	1	29.80	59	40	37		BCZ	AS		8	
5				"					SW	1	29.82	61	40	37		BCZ	AS		8	
6				"					SW	1	29.82	65	40	37		BCZ	AS		9	
7				"					SW	1	29.83	66	40	37		BCZ	AS		9	
8				"					SW	1	29.86	68	40	37		BCZ	AS		9	
9				"					SW	1	29.86	65	44	41		BCZ	AS		6	
10				"					SW	1	29.85	65	45	42		BCZ	AS		6	
11				"					SW	1	29.87	65	47	44		BCZ	AS		5	
12				"					SW	1	29.86	73	47	44		BCZ	AS		5	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 4.0 tons / On hand 66.2 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	DOCKED AT CHICAGO								SxE	1	29.81	69	63	60		BCZ	CiS		4	
2				"					SxE	1	29.76	66	64	61		BCZ	CiS		5	
3				"					SxE	1	29.77	70	56	53		BCZ	CiS		5	
4				"					S	1	29.77	70	50	47		BCZ	CiS		5	
5				"					S	1	29.75	67	50	47		BCZ	CiS		7	
6				"					S	1	29.73	70	48	45		BCZ	CiS		7	
7				"					S	1	29.76	75	47	44		BCZ	CiS		7	
8				"					S	1	29.76	75	47	44		BCZ	CiS		10	
9				"					S	1	29.76	75	47	44		BCZ	CiS		10	
10				"					S	1	29.77	72	44	41		BCZ	CiS		10	
11				"					S	1	29.74	69	42	39		BCZ	CiS		10	
12				"					S	1	29.74	69	44	41		B	CiS		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 11 November 1918

REMARKS.

Commencing and until 4.00 a.m.

Tied up in the Pugh Terminal Slip of Chicago, Illinois, in 2-3/4 fathoms of water. Boiler No. 1 steaming for auxiliary purposes.

J. P. Lesley
Ensign USNRF-4 jps

4.00 a.m. to 8.00 a.m.

No remarks.

J. P. Lesley
Ensign USNRF-4 jps

8.00 a.m. to meridian.

Received 20 lbs. frankfurters from Arnold Bros. Co.,

J. P. Lesley
Ensign USNRF-4 jps

Meridian to 4.00 p.m.

Received 173 plates and 179 cups from Supply Department, Great Lakes, Illinois, for general mess.

J. E. Flanders Ensign USNRF-4 jef

4.00 p.m. to 8.00 p.m.

No remarks.

J. E. Flanders Ensign USNRF-4 jef

8.00 p.m. to midnight.

Liberty party returned, no absentees.

J. E. Flanders Ensign USNRF-4 jef

Approved:

E. H. Delaney
Lieutenant USNRF-1
Commanding Officer

Examined:

R. M. Macdonald
Ensign (T) U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Illinois. TO _____, 12 November, 1918

G. L. Holsinger Lieutenant, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		DOCKED AT CHICAGO		"					S	1	29.70	65	43	40		B				
2				"					S	1	29.66	58	43	39		B				
3				"					S	1	29.63	53	41	38		B				
4				"					SSW	1	29.60	53	40	37		B				
5				"					SSW	1	29.57	50	40	37		B	CiS			
6				"					SSW	1	29.57	56	40	37		B	CiS		10	
7				"					SSW	1	29.60	60	40	37		B	CiS		10	
8				"					SSW	1	29.62	66	42	38		B	CiS		5	
9				"					SSW	1	29.62	68	43	40		BCZ	CiS		6	
10				"					SSW	1	29.60	74	45	42		BCZ	CiS		6	
11				"					SW	1	29.60	68	46	43		BCZ	CiS		4	
12				"					SW	1	29.56	57	46	43		BCZ	CiS		8	
P. M.																				
1		DOCKED AT CHICAGO		"					WxS	1	29.55	69	62	59		BCZ	CiS		5	
2				"					WxS	1	29.55	75	67	64		BCZ	CiS		3	
3				"					WxS	1	29.55	74	62	59		BCZ	CiS		3	
4				"					W	1	29.57	77	56	53		BCZ	CiS		3	
5				"					W	1	29.58	77	56	63		BCZ	CiS		10	
6				"					W	1	29.59	73	56	63		BCZ	CiS		10	
7				"					W	1	29.59	73	56	63		BCZ	CiS		10	
8				"					W	1	29.55	73	56	63		BCZ	CiS		10	
9				"					W	1	29.56	75	48	45		BCZ	CiS		10	
10				"					W	1	29.55	73	46	43		BCZ	CiS		8	
11				"					W	1	29.53	75	45	42		BCZ	CiS		8	
12				"					W	2	29.53	73	44	41		BCZ	CiS		7	

75

a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended _____ On hand _____

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 12 November 1918

REMARKS.

Commencing and until 4.00 a.m.

Tied up at the Pugh Terminal Dock at Chicago, Illinois in 2-3/4 fathoms of water. Boiler No. 1 steaming for auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4.00 a.m. to 8.00 a.m.

No remarks.

J. E. Flanders Ensign USNRF-4 jef

8.00 a.m. to Meridian.

Received 100 lbs bread from the Schultz Baking Co.,

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4.00 p.m.

Received the following supplies in Supply Department from Maurice Cohen & Co.,

135 lbs apples
124 lbs grapes
76 lbs grape fruit

From Roberts & Oake Co.,

50 lbs pork sausage.

H. J. Pettker
Chief Quartermaster U.S.Navy

4.00 p.m. to 8.00 p.m.

No remarks.

H. J. Pettker
Chief Quartermaster U.S.Navy

8.00 p.m. to midnight.

Liberty party returned, no absentees.

H. J. Pettker
Chief Quartermaster U.S.Navy

Approved: E. Malanije
Lieutenant USNRF-1
Commanding Officer

Examined: R. M. Macdonald
Ensign (T) U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~EN ROUTE~~ FROM Chicago, Ill. TO 13 November, 1918

USNRF-1

G.L. Holsinger, Lieut., *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							W	2	29.53	77	43	40		bcz	cis		5	
2									W	2	29.53	77	41	39		bcz	cis		5	
3									W	2	29.52	77	40	37		bcz	cis		2	
4									W	2	29.51	76	40	37		b	cis		2	
5									W	2	29.50	74	40	37		bcz	cis		10	
6									W	2	29.50	74	40	37		bcz	cis		8	
7									W	2	29.50	74	40	37		bcz	cis		7	
8									W	2	29.50	67	40	37		bcz	as		6	
9									W	2	29.49	67	42	39		b	as		6	
10									W	1	29.49	70	46	43		b	as		5	
11									W	1	29.48	70	46	43		b	as		5	
12									W	1	29.48	69	48	45		b	as		5	

8 a. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

8 p. m. Latitude ____ Longitude ____

Current Set ____ Drift ____

MAGAZINE TEMPERATURES:

Maximum ____

Minimum ____

Compass ____

S. H ____

Error ____

Variation ____

Deviation ____

Coal. Received ____ Expended 3.1 tons On hand 55.5 tons.

Fuel oil. Received ____ Expended ____ On hand ____

Water. Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									WXS	1	29.46	68	55	52		bcz	cis		4	
2									W	1	29.45	68	57	55		bcz	cis		4	
3									W	1	29.45	69	53	50		bcz	cis		5	
4									W	1	29.45	70	50	47		bcz	cis		6	
5									W	1	29.45	69	50	47		bcz	cis		6	
6									W	1	29.47	68	48	55		b	cis		6	
7									W	1	29.47	68	48	45		b	cis		6	
8									W	1	29.47	68	48	45		b	cis		6	
9									E	1	29.48	68	48	45		bcz	cis		3	
10									calm	0	29.48	68	46	42		bcz	cis		3	
11									calm	0	29.48	68	46	43		bcz	cis		2	
12									calm	0	29.49	67	45	42		bcz	cis		2	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 13 November 1918

REMARKS.

Commencing and until 4:00 am
Steam on #1 Boiler for auxiliary purposes.

H. J. Pestka
CQM

4:00 am to 8:00 am
Carried out morning orders.

H. J. Pestka
CQM

8:00 am to Meridian
Received in Supply Department from Armour and Co. 345 lbs. beef; from Schultz ~~amx~~ Baking Co. ~~100# of bread.~~

H. J. Pestka
CQM

Meridian to 4:00 pm
2:50 received from Consumer's Co. 8000# Ice.
3:00 received from E. Kahn and Co. 1050# Potatoes.
4:00 Irving, P.W., Elc, USN, returned from leave expiring 5:00 pm, Nov. 13, 1918.

J. P. Lesley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
At 4:45 Crain, H.C., WT, USN, returned from leave expiring 5:00 pm Nov. 13, 1918.

J. P. Lesley
Ensign USNRF-4 jps

8:00 pm to 12 Midnight.
No remarks.

J. P. Lesley
Ensign USNRF-4 jps

Approved:

R. H. Leavitt
Lieutenant USNRF-1

Examined:

P. M. Macdonald
Ensign (T)USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 14 November 1918, 191

G.L. Holsinger, ~~Lieut., USNRF-1~~, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked at Chicago, Ill.								Calm	0	29.45	65	47	44		bf				
2									Calm	0	29.45	65	47	44		bf				
3									Calm	0	29.45	64	47	44		bf				
4									SE	1	29.45	65	46	43		bf				
5									S	1	29.45	65	46	43		bz				
6									S	1	29.45	65	46	43		bcz	cis		4	
7									S	1	29.48	70	46	43		bcz	s		4	
8									S	1	29.48	72	47	44		bcz	s		6	
9									S	1	29.48	72	50	44		bcz	cis		5	
10									S	1	29.48	74	53	50		bcz	cis		5	
11									S	1	29.48	76	56	53		bcz	cis		5	
12									S	1	29.45	78	60	57		bcz	cis		5	

Lat. and Long. a.m.
Lat. and Long. Noon.
Lat. and Long. p.m.
Current: Set, Drift

Magazine Temperatures: Maximum, Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received, Expended, On hand

Fuel oil: Received, Expended, On hand

Water: Distilled, Received, Expended, On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									S	1	29.43	80	71	68		bcz	cis		5	
2									S	1	29.41	79	76	73		bcz	cis		4	
3									S	1	29.39	78	70	67		bcz	cis		4	
4									S	1	29.38	77	66	63		bcz	cis		7	
5									SW	1	29.40	78	64	61		bcz	cis		10	
6									SW	1	29.40	76	62	59		bcz	cis		10	
7									SW	1	29.41	75	61	58		bc	cis		10	
8									SW	1	29.40	72	58	55		bc	cis		10	
9									SW	1	29.38	68	55	52		bc	cis		8	
10									SW	1	29.37	65	54	51		bc	cis		8	
11									SW	1	29.37	64	53	50		bc	cis		8	
12									SW	1	29.36	62	53	50		bc	acu		8	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 14 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J. P. Seeley Ensign USNRF-4 jps

4:00 am until 8:00 am
No remarks.

J. P. Seeley Ensign USNRF-4 jps

8:00 am to Meridian
At 10:00 Bush, C.C., QM3c, Was transferred to the U.S. Naval Hospital at Great Lakes, Illinois.

J. P. Seeley Ensign USNRF-4 jps

Meridian to 4:00 pm
No remarks.

J. E. Flanders Ensign USNRF-4 jef

4:00 pm to 8:00 pm
The following men reported on time from furloughs expiring at 5:00 pm: Mack, H.L., E3cg, USNRF, Tuncil, A.A., Sea, USN; Brill, J.L., Sea, USN, The following men left on furloughs: Stromberg, L.C., CM3c, USN, leave expiring 24 Nov. 1918,
Schulte, W.H., Sea, USNRF, leave expiring 24 Nov. 1918,
Guemmer, P., Sea, USNRF, leave expiring 28 Nov. 1918,
Wesley, N., MM2c, USNRF, leave expiring 26 Nov. 1918,
Thompson, A.A., F1c, USN, leave expiring 28 Nov. 1918,
Sanders, L., WT, USN, leave expiring 24 Nov. 1918.

J. E. Flanders Ensign USNRF-4 jef

8:00 pm to Midnight.
No remarks.

J. E. Flanders Ensign USNRF-4 jef

Approved: E. W. Watson

Examined: P. M. Macdonald
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 15 November 1918, 191

G.L. Hoffsinger Lieut. USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago,							SW	1	29.35	61	53	50		hz	cis		8	
2									SW	1	29.35	60	52	49		hz	cis		8	
3									SW	1	29.33	59	51	48		hz	cis		6	
4									SW	1	29.33	59	51	49		hz	cis		6	
5									SW	1	29.30	58	52	48		hz	"		6	
6									SW	1	29.31	60	52	49		hz	"		6	
7									SW	1	29.32	67	58	49		hz	"		8	
8									SW	1	29.33	68	55	49		hz	"		8	
9									SW	1	29.33	67	58	52		hz	"		9	
10									SW	1	29.35	70	59	55		hz	"		9	
11									SW	1	29.34	69	59	56		hz	"		9	
12									SW	2	29.34	69	57	54		ohz	as		10	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended ..... On hand .....

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago,							SW	1	29.34	69	57	54		ocz	aw		10
2										SW	1	29.30	72	58	55		ocz	as		10
3										SW	1	29.30	72	58	55		ocz	as		10
4										S	1	29.30	72	58	55		"	as		10
5										S	1	29.32	72	58	55		"	as		10
6										S	1	29.34	74	58	55		"	as		10
7										S	1	29.34	74	58	55		"	as		10
8										S	1	29.34	75	58	55		"	as		10
9										S	1	29.34	75	58	55		"	as		10
10										S	1	29.32	75	58	55		"	as		10
11										S	1	29.33	74	56	53		"	as		10
12										S	1	29.33	74	56	53		"	as		10

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 15 November 1918 .....

REMARKS.

Commencing and until 4:00 am
#1 Boiler steaming for auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
No remarks.

J. E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
Received from Schultz Baking Co. 100# bread; from North Shore Fruit and Produce Co. 25# lettuce, 85# bananas, and 100# sweet potatoes.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4:00 pm
C.J. Walker, Cox, USN, was granted 14 days leave, commencing noon, 15 November and expiring 29 November. A.S. Walters, SC2c, was this date transferred to U.S. Marine Hospital, Chicago, Ill. J.E. Moen, CMlc, USN, returned from 13 days leave.

H. J. Deutka
CQM, U.S. Navy

4:00 pm to 8:00 pm
Sent liberty party ashore at 5:00 pm.

H. J. Deutka
CQM, U.S. Navy

8:00 pm to Midnight.
Liberty party returned. Hudson, J., Sea, USN, absentee.

H. J. Deutka
CQM, U.S. Navy

Approved: J. C. Kalsnijer
Lieutenant USNRF-1

Examined: P. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE~~ FROM Chicago, Ill. TO 16 November, 1918, 191

G.L. Holsinger, Lieut. USNRF, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						S	1	29.34	77	56	53		hc	cis		7	
2									S	1	29.33	77	56	53		ocz	as		10	
3									SE	1	29.32	77	55	52		ocr	n		10	
4									SE	2	29.32	77	55	52		ocr	n		10	
5									SE	2	29.32	77	55	52		ocr	n		10	
6									SE	2	29.28	78	56	53		ocr	n		10	
7									SE	2	29.26	78	56	53		ocr	n		10	
8									SE	2	29.25	76	56	53		ocr	n		10	
9									SE	2	29.22	76	57	54		ocr	n		10	
10									S	2	29.21	76	57	54		ocz	as		10	
11									S	2	29.20	76	59	56		ocz	as		10	
12									S	2	29.20	76	59	56		ocz	as		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 2.9 tons / On hand 4.9 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1			Docked at Chicago.						S	2	29.13	73	59	56		ocz	as		10	
2									S	2	29.13	70	58	55		ocz	as		10	
3									S	2	29.10	69	57	54		ocr	n		10	
4									S	1	29.08	67	55	53		ocr	n		10	
5									SE	1	29.08	66	54	51		ocr	n		10	
6									SE	1	29.06	61	56	53		ocr	n		10	
7									SE	1	29.06	67	56	53		ocr	scu		10	
8									SE	1	29.07	70	56	53		ocr	n		10	
9									SE	1	29.05	72	56	53		ocr	n		10	
10									SE	1	29.04	72	56	53		oc	scu		7	
11									SE	1	29.05	72	60	57		b	as		10	
12									SE	1	29.03	73	60	57		b	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 16 November 1918 .....

REMARKS.

Commencing and until 4:00 am
Steam on #1 Boiler for auxiliary purposes. At 12:40 Hudson, J. Sea, USN, returned 40 minutes over leave.

H. J. Postka
COM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders.

H. J. Postka
COM, U.S. NAVY

8:00 am to Meridian
J.Jackson, Wd-ck, USNRF-2, was granted 10 days leave expiring at noon 26 November. Wheeler, E., Wd-ck, USNRF-2 was granted 11 days leave to expire 8:00 am 27 November. Ming, Chin, MA3c was granted 16 days leave to expire noon 2 December. V.D. Wheatley CM2c, USN, returned from leave expiring 5:00 pm 16 November. Received in Supply Department from S. Houston and Co. 75# Chicken.

H. J. Postka
COM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

J P Leeley
Ensign USNRF-4 jps

4:00 pm to 6:00 pm
No remarks.

J P Leeley
Ensign USNRF-4 jps

6:00 pm to 8:00 pm
Received from Schulze Baking Co. 50# bread.

J P Leeley
Ensign USNRF-4 jps

8:00 pm to Midnight
No remarks.

J. P. Leeley
Ensign USNRF-4 jps

Approved: E. Watkins
Lieutnnant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP U.S.S. ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Illinois ~~TO~~ 17 November 1918 191

G.L. Holsinger, Lieut., USNRF-1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							SE	1	29.01	74	60	57		b	as		9	
2									SE	1	29.00	75	59	56		b	as		9	
3									SE	1	28.99	75	58	55		b	as		9	
4									SE	1	28.97	75	57	54		bc	as		10	
5									SE	1	28.95	75	58	55		bz	as		10	
6									SE	1	28.94	76	59	56		bz	as		9	
7									SE	1	29.93	75	59	56		ocr	n		10	
8									SE	1	29.90	72	58	55		ocr	n		10	
9									SE	1	29.85	69	60	57		ocz	cis		9	
10									SE	1	29.84	72	59	56		oca	as		9	
11									SE	1	28.84	76	59	56		oca	as		7	
12									SE	1	29.82	77	60	57		b	as		3	

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current Set	
Current Drift	

MAGAZINE TEMPERATURES:

Maximum

Minimum

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	2.8 tons
Coal. On hand	46.2 tons
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1		Docked at Chicago, Ill.							SW	1	28.80	77	60	56		bcz	acu		8	
2									SW	1	28.81	77	59	56		bcz	acu		9	
3									SW	1	28.81	77	59	56		ocz	asu		10	
4									SW	1	28.81	77	59	56		ocz	asu		10	
5									SW	1	28.80	74	58	55		ocz	as		10	
6									SW	1	28.80	72	54	51		ocz	as		10	
7									SW	1	28.79	72	52	49		ocr	n		10	
8									SW	1	28.79	72	52	49		ocr	n		10	
9									SW	1	28.80	75	50	47		ocz	as		10	
10									SW	1	28.75	70	49	46		ocz	as		10	
11									SW	1	28.73	66	48	45		ocz	as		10	
12									SW	1	28.70	60	48	45		ocr	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 17 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J. P. Seeley.
ENSIGN USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian.
11:30 received from Goodman American Ice Cream Co. 20 Bricks of ice cream.

J. P. Seeley.
Ensign USNRF-4 jps

Meridian to 4:00 pm
No remarks.

J. E. Flanders
Ensign USNRF-4 jef

4:00 pm to 8:00 pm
No remarks.

J. E. Flanders
Ensign USNRF-4 jef

8:00 pm to Midnight.
No remarks.

J. E. Flanders
Ensign USNRF-4 jef

Approved:
F. Malaney
Lieutenant USNRF-1

Examined:
R. M. Macdonald
Ensign (T) USN U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 18 November 1918, 191

G.L. Holsinger, USNRF-1, Lieut, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked at Chicago, Ill.								SW	1	28.70	57	48	45		ocr	n		10	
2									SW	1	28.69	57	48	45		ocr	n		10	
3									SW	1	28.69	57	48	45		ocr	n		10	
4									SW	1	28.68	56	49	46		ocr	n		10	
5									SW	1	29.65	56	52	49		ocr	n		10	
6									SW	1	28.65	58	54	51		ocz	as		10	
7									SW	1	28.67	58	54	51		ocz	as		10	
8									SW	1	28.72	69	55	52		ocz	as		10	
9									SW	1	28.75	69	55	52		ocz	as		10	
10									SW	1	28.76	69	52	49		ocz	as		10	
11									SW	1	28.76	69	50	48		ocz	as		10	
12									SW	1	28.76	69	48	45		ocz	as		10	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.4 tons / On hand 42.8 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Docked at Chicago, Ill.								SW	2	28.78	73	45	42		ocz	n		10	
2									SW	2	28.80	75	44	41		ocz	n		10	
3									SW	2	28.82	76	43	40		ocz	n		10	
4									SW	2	28.83	75	43	40		ocz	n		10	
5									W	2	28.83	75	43	40		ocz	n		10	
6									W	2	88.82	75	42	39		ocz	n		10	
7									W	2	28.80	73	40	37		ocr	n		10	
8									W	2	28.78	70	39	36		ocr	n		10	
9									W	2	28.76	68	38	35		ocr	n		10	
10									W	2	28.75	66	37	34		ocr	n		10	
11									W	2	28.75	64	37	34		ocr	n		10	
12									W	2	28.73	61	36	33		ocr	n		10	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
No remarks.

J. E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
Received from Schultz Baking Co. 100# bread. Shing, H., MAlc, transferred this date to District Commandant's office, Great Lakes, for further transfer. Received from Roberts and Oake 59# cured ham, 109# pork loin. Received from C.H. Weaver Co. 5 cases of eggs. Holter, F.B., MMlc, USNRF, and Borecky, F., Bmkr, USN, reported on board for duty from the U.S.S. COMMODORE.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4:00 pm
F.B. Holter, MMlc, was granted 14 days leave expiring noon 2 December, 1918.

H. J. Ruttka
COM, U.S. NAVY

4:00 pm to 8:00 pm
Sent liberty party ashore at 5:00 pm

H. J. Ruttka
COM, U.S. NAVY

8:00 pm to Midnight
Liberty party returned, no absentees.

H. J. Ruttka
COM, U.S. NAVY

Approved: E. Halsinger
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~EN ROUTE FROM~~ Chicago, Ill. ~~to~~ 19 November 1918, 191

G.L. Holsinger Lieut. USNRF ~~U. S. Navy~~, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	3	28.70	60	36	33		ocr	n		10	
2									W	3	28.71	62	36	33		ocr	n		10	
3									W	3	28.72	62	37	34		oc	n		10	
4									W	3	28.72	61	38	35		oc	n		10	
5									W	3	28.75	71	39	36		ocr	n		10	
6									W	3	28.81	75	40	37		ocr	n		10	
7									W	3	28.83	67	42	39		ocr	n		10	
8									W	3	28.82	68	42	39		ocr	n		10	
9									W	2	28.83	63	44	41		ocr	n		10	
10									W	2	28.82	62	44	41		ocr	n		10	
11									W	2	28.85	64	44	41		ocz	n		10	
12									SW	2	28.87	65	44	41		ocz	n		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received 148 tons / Expended 2.8 / On hand 137.2

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						SW	2	28.90	68	44	41		ocz	n		10	
2									SW	2	28.95	72	45	42		ocz	n		10	
3									SW	2	28.99	74	45	42		ocz	as		10	
4									SW	2	28.05	76	45	42		ocz	as		10	
5									SW	2	29.07	76	45	42		ocz	as		10	
6									SW	1	29.10	72	45	42		ocz	as		10	
7									W	1	29.12	75	45	42		ocz	as		10	
8									W	1	29.15	75	45	42		ocz	as		10	
9									W	1	29.18	75	45	42		ocz	as		10	
10									W	1	29.18	75	45	42		ocz	as		10	
11									W	1	29.20	75	45	42		ocz	as		10	
12									W	1	29.22	75	45	42		ocz	as		10	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 19 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

H. J. Rostka
CQM, U.S. NAVY

4:00 pm to 8:00 pm
Carried out morning orders. Coal lighter came alongside at 7:55.

H. J. Rostka
CQM, U.S.NAVY

8:00 pm to Meridian
At 8:00 started coaling. At 11:55 finished coaling. Received from Pittsburg Coal Co. 148 tons of coal. W.E. Lilly SC1c, USN, returned from 11 days leave at 12:00. Coal lighter shoved off.

H. J. Rostka
CQM, U.S. NAVY

Meridian to 4:00 pm
At 3:45 Dr. Wood left on leave to expire 2 December, 1918.

J P Lesley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

J. P. Lesley
Ensign USNRF-4 jps

8:00 pm to Midnight
No remarks.

J P Lesley
Ensign USNRF-4 jps

Approved: R. Whalen jr
Lieutenant USNRF-1

Examined: R W Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 20 November 1918, 191

G.L. Holsinger, Lieut. USNRF-1, U.S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							W	1	29.23	74	40	37		hc	cicu		5	
2									W	1	29.23	74	40	37		b	cicu		5	
3									W	1	29.23	70	41	38		oc	as		10	
4									W	1	29.23	66	41	38		oc	as		10	
5									W	1	29.25	65	41	38		oc	as		10	
6									W	1	29.29	64	40	37		oc	as		10	
7									W	1	29.32	67	40	37		ocz	as		10	
8									W	1	29.40	69	40	37		ocz	as		10	
9									NW	1	29.44	69	42	39		ocz	as		10	
10									NW	1	29.44	72	42	39		ocz	as		10	
11									NW	1	29.45	70	44	41		ocz	as		10	
12									NW	1	29.46	72	44	41		ocz	as		10	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended 31 tons On hand 184.9 tons

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						NW	1	29.48	73	43	40		ocz	as		10	
2									NW	1	29.48	70	42	39		ocz	as		10	
3									NW	1	29.49	70	41	38		ocz	as		10	
4									NW	1	29.51	76	40	37		ocz	as		10	
5									NW	1	29.53	71	40	37		ocz	as		10	
6									NW	1	29.52	76	39	36		ocz	as		10	
7									W	1	29.55	76	39	36		ocz	as		10	
8									W	1	29.56	76	39	36		ocz	as		10	
9									W	1	29.56	74	39	36		ocz	as		10	
10									W	1	29.56	73	39	36		ocz	as		10	
11									W	1	29.56	72	38	35		ocz	as		10	
12									W	1	29.55	68	38	35		ocz	as		10	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 20 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J P Seeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J P Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
No remarks.

J P Seeley.
Ensign USNRF-4 jps

Meridian to 4:00 pm
E.R. Sanders, Ensign USNRF-4, detached and ordered to U.S.S. KENTUCKY.

J. E. Flanders
Ensign USNRF-4 jef

4:00 pm to 8:00 pm
No remarks.

J. E. Flanders
Ensign USNRF-4 jef

8:00 pm to Midnight.
Liberty party returned with no absentees.

J. E. Flanders
Ensign USNRF-4 jef

Approved: F. W. Habenicht
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. TO 21 November 1918, 191

G.L. Holsinger, Lieut. USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.55	69	38	35		ocz	as		10	
2									W	1	29.55	69	37	34		ocz	as		10	
3									W	1	29.54	60	37	34		ocz	as		10	
4									W	1	29.53	58	37	34		ocz	as		10	
5									W	1	29.53	59	36	33		ocz	as		10	
6									W	1	29.53	59	36	33		ocz	as		10	
7									W	1	29.53	56	36	33		ocz	as		10	
8									W	1	29.60	60	37	34		ocz	as		10	
9									W	1	29.62	69	37	34		ocz	as		10	
10									W	1	29.66	75	36	33		ocz	as		10	
11									W	1	29.66	75	36	33		ocz	as		10	
12									W	1	29.66	75	37	34		ocz	as		10	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.1 tons / On hand 181.7 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						NW	1	29.66	72	38	35		ocz	as		10	
2									NW	1	29.64	72	38	35		ocz	as		10	
3									NW	1	29.63	70	37	34		ocz	as		10	
4									NW	1	29.64	70	36	33		ocz	as		10	
5									NW	1	29.66	70	36	33		ocz	as		10	
6									NW	1	29.66	70	36	33		ocz	as		10	
7									NW	1	29.68	68	36	33		ocz	as		10	
8									NW	1	29.68	68	36	33		ocz	as		10	
9									NW	1	29.68	66	35	32		ocz	as		10	
10									NW	1	29.68	66	36	33		ocz	as		10	
11									NW	1	29.68	66	36	33		ocz	as		10	
12									NW	1	29.68	64	36	33		ocz	as		10	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 21 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

4:00 J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
No remarks.

J. E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
Dalm, F., MMlc, USN, returned from leave commencing noon 7 November and expiring noon 21 November 1918.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4:00 pm
No remarks.

H. J. Pettka
COM, U.S.NAVY.

4:00 pm to 8:00 pm
At 5:00 sent Liberty party ashore.

H. J. Pettka
COM, U.S. NAVY

8:00 pm to Midnight.
Liberty party returned with no absentees.

H. J. Pettka
COM, U.S. NAVY

Approved: E. Valentiner
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~EN ROUTE FROM~~ Chicago, Ill. TO~~X~~ 22 November, 1918, 191

C.I. Holsinger, Lieut., ~~USNRF~~ 1, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked at Chicago, Ill.								NW	1	29.68	64	36	33		ocz	as		10	
2									NW	1	29.68	64	36	33		ocz	as		10	
3									NW	1	29.69	64	36	33		ocz	as		10	
4									NW	1	29.70	64	36	33		ocz	as		10	
5									NW	1	29.74	68	36	33		ocz	as		10	
6									NW	1	29.78	70	36	33		ocz	as		10	
7									NW	1	29.80	72	36	33		ocz	as		10	
8									NW	1	29.80	72	36	33		ocz	as		10	
9									NW	1	29.79	70	36	33		ocz	as		10	
10									NW	1	29.78	70	36	33		ocz	as		10	
11									W	1	29.78	66	35	34		ocs	n		10	
12									W	1	29.77	65	34	34		ocs	n		10	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.5 tons / On hand 178.2 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Docked at Chicago, Ill.								W	1	29.80	72	34	34		ocs	n		10	
2									N	1	29.80	72	37	37		ocs	n		10	
3									N	1	29.82	78	39	39		ocz	n		10	
4									N	1	29.83	80	35	35		ocz	n		10	
5									NW	1	29.86	75	36	36		ocs	n		10	
6									NW	1	29.85	72	35	35		ocs	n		10	
7									NW	1	29.85	70	34	34		ocs	n		10	
8									NW	1	29.86	68	32	32		oc	n		8	
9									NW	1	29.85	64	30	30		oc	n		8	
10									NW	1	29.85	63	29	29		oc	as		8	
11									W	2	29.86	61	28	28		oc	as		8	
12									W	2	29.85	60	28	28		oc	as		8	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 22 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

H. J. Pestka
CQM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders.

H. J. Pestka
CQM, U.S. NAVY

8:00 am to Meridian
Received in Supply department from the Booth Fisheries Co. 52 lbs. fish. T. McFaud , Sea, USNRF-2, was this date transferred under guard to Provost Marshal at Great Lakes, Illinois.

H. J. Pestka
CQM, US NAVY

Meridian to 4:00 pm
No remarks.

J. P. Lieley
Ensign USNRF-4 jps

4:00pm to 8:00 pm
No remarks.

J. P. Lieley
Ensign USNRF-4 jps

8:00 pm to Midnight.
No remarks.

J. P. Lieley
Ensign USNRF-4 jps

Approved: E. W. Halsey
Lieutenant USNRF-1

Examined: R. M. Macdonald
Ensign (T) USN U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP Essex 23 Nov

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 23 November, 1918

G.L. Holsinger, Lieut. USNRF U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1				Docked at Chicago,					NW	1	29.85	59	27	27		b	as		8	
2									NW	1	29.85	58	27	27		b	as		10	
3									NW	1	29.85	58	26	26		b	as		10	
4									NW	1	29.84	57	26	26		b	as		10	
5									NW	1	29.84	56	25	25		bc	as		10	
6									NW	1	29.83	62	25	25		bc	as		8	
7									NW	1	29.87	67	25	25		bc	as		8	
8									NW	1	29.90	68	26	26		b	as		8	
9									NW	1	29.90	68	26	26		b	as		10	
10									NW	1	29.89	69	28	28		b	as		5	
11									NW	1	29.87	69	29	29		b	as		10	
12									NW	1	29.83	69	31	31		b	as		10	

8 a. m. Latitude / Longitude

Noon. Latitude / Longitude

8 p. m. Latitude / Longitude

Current: Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. Received / Expended 3.4 tons / On hand 175.7 tons

Fuel oil. Received / Expended / On hand

Water. Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago, Ill.					NW	1	29.80	70	36	33		bc	as		5	
2									NW	1	29.77	70	36	33		bc	cis		4	
3									NW	1	29.75	70	35	32		bc	cis		4	
4									NW	1	29.75	70	34	31		bc	cis		4	
5									NW	1	29.71	70	32	29		bc	cis		3	
6									NW	1	29.74	70	31	28		bc	cis		4	
7									NW	1	29.71	70	31	28		bc	cis		5	
8									NW	1	29.71	70	31	28		bc	cis		5	
9									NW	1	29.71	70	31	28		bc	cis		5	
10									NW	1	29.71	70	31	28		bc	cis		4	
11									NW	1	29.71	70	31	28		bc	cis		4	
12									NW	1	29.65	72	31	28		bc	cis		4	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 23 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J.P. Leeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J.P. Leeley
Ensign USNRF-4 jps

8:00 am to Meridian
No remarks.

J.P. Leeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
No remarks.

J.E. Flanders Ensign USNRF-4 jef

4:00 pm to 8:00 pm
Received in Supply Department from Maurice Cohen and Co. 140# onions.

J.E. Flanders Ensign USNRF-4 jef

8:00 pm to midnight.
Held general muster at midnight. The following men were AWOL; Bates, G.J., LEg, USN, and Hudson, J.R., Sea, USN, and Hogan, J.E., Sea, USN.

J.E. Flanders Ensign USNRF-4 jef

Approved: E.H. Habsinger
Lieutenant USNRF-1

Examined: R.M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 24 November 1918, 191

G.L. Holsinger, Lieut. USNRF-1, *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							NW	2	29.65	72	26	23		b				
2					–				NW	2	29.62	72	25	22		b				
3									NW	2	29.60	72	22	19		b				
4									NW	2	29.55	70	21	18		b				
5									NW	2	29.55	70	21	18		b				
6									NW	2	29.55	72	21	18		bc	cis		6	
7									NW	2	29.55	72	21	18		bc	cis		6	
8									NW	2	29.55	73	21	18		bc	cis		4	
9					–				NW	2	29.55	74	25	22		bc	cis		3	
10									NW	2	29.51	74	28	25		bc	cis		3	
11									NW	2	29.49	74	30	27		bc	cis		3	
12									NW	2	29.45	72	34	34		bc	cis		3	

P. M.																				
1			Docked at Chicago, Ill.						NW	2	29.43	71	36			bc	cis		5	
2									NW	2	29.42	72	37			b	cis		7	
3									NW	2	29.37	70	35			b	cis		7	
4									NW	2	29.37	69	32			b	cis		10	
5									NW	3	29.37	68	30			b	cis		10	
6									NW	3	29.37	70	29			cz	cis		10	
7									NW	3	29.37	67	28			cz	cis		10	
8									NW	3	29.37	72	27			cz	cis		10	
9									NW	3	29.40	72	26			cz	cis		10	
10									NW	3	29.40	70	26			cz	cis		10	
11									NW	3	29.40	70	26			cz	cis		10	
12									NW	4	29.38	69	25			cz	cis		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.5 tons / On hand 171.1 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ~~Essex~~ 24 November 1918

REMARKS.

Commencing and until 4:00 am
Tied up in Pugh Terminal slip of Chicago, Illinois, in 2 3/4 fathoms of water. #1 boiler steaming for auxiliary purposes. At 2:00 am Bates, G.J., LEg returned and was put into brig.

J. E. Flanders Ensign USNRF-4 jef

4:00 am to 8:00 am
At 5:30 am Hudson, J.R., Sea, USN, and Hogan, J.C., Sea, USN, returned and were put into brig.

J. E. Flanders Ensign USNRF-4 jef

8:00 am to Meridian
At Captain's mast Hogan, J.C., Sea, USN, given 3 days B&W. Hudson, J.R., Sea, USN, and Bates, G.J., LEg, USN, transferred to Provost Marshal, Great Lakes, Ill., Pending summary court martial. Specification: Absenting themselves from the ship without permission while on restriction.

J. E. Flanders Ensign USNRF-4 jef

Meridian to 4:00 pm
J.D. Kerr, SC2c, USN, was granted 14 days leave to expire midnight Dec. 18. L.C. Stromberg, CM3c, USN, returned from 10 days leave on time.

H. J. Postka
CQM, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

H. J. Postka
CQM, U.S. NAVY

8:00 pm to Midnight.
No remarks.

H. J. Postka
CQM, U.S. NAVY

Approved: R. M. Macdonald Ensign (T) USN

Examined: R. M. Macdonald Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 25 November 1918, 191

R.M. Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						NW	3	29.36	67	25	25		ocz	cis		10	
2									NW	3	29.36	65	24	24		ocz	cis		10	
3									NW	3	29.36	66	24	24		bcz	cis		8	
4									NW	3	29.37	68	24	24		bcz	cis		8	
5									NW	3	29.38	69	23	23		bcz	cis		8	
6									NW	3	29.38	66	24	24		bcz	cis		8	
7									W	2	29.41	68	24	24		ocz	cis		10	
8									W	2	29.43	63	26	26		bcz	cis		8	
9									W	1	29.45	64	29	29		bcz	cis		7	
10									W	1	29.49	66	32	32		bcz	cis		4	
11									W	1	29.49	66	33	33		bcz	cis		4	
12									W	1	29.51	68	36	36		bcz	cis		4	
P. M.																				
1			Docked at Chicago						W	1	29.52	70	43	43		bcz	cis		2	
2									W	1	29.54	72	46	46		bcz	cis		4	
3									NW	1	29.55	74	44	44		bcz	cis		4	
4									NW	1	29.56	74	39	39		bcz	cis		4	
5									NW	1	29.60	74	39	39		bcz	cis		4	
6									NW	1	29.60	74	39	39		bc	cis		5	
7									NW	1	29.64	74	40	40		bc	cis		6	
8									NW	1	29.65	74	40	40		bc	cis		7	
9									NW	1	29.71	74	39	39		bc	acu		8	
10									NW	1	29.74	72	39	39		oc	as		10	
11									NW	1	29.76	69	38	38		oc	as		10	
12									NW	1	29.76	69	38	38		oc	as		10	

8 a. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

8 p. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

MAGAZINE TEMPERATURES:

Maximum .....

Minimum .....

Compass .....

S. H .....

Error .....

Variation .....

Deviation .....

Coal. { Received ..... Expended 3.5 tons On hand 167.6 tons

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 25 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

H. J. Postka
CQM, U.S.NAVY

4:00 am to 8:00 am
Carried out morning orders. Scrubbed hammocks. Liberty party returned with no absentees.

H. J. Postka
CQM, U.S. NAVY

8:00 am to Meridian
Received in Supply Department from Schultz Baking Co. 50# of bread; from Armour and Co. 290# beef.

H. J. Postka
CQM, U.S. NAVY

Meridian to 4:00 pm
At 1:30 Pawlak, C., CM2c, USN, left on leave of absence expiring 12:00 noon 7 December 1918; Cristoe, W.J., F2c, USN, left on leave of absence expiring 12:00 noon 5 December.

J. P. Seeley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
7:30 Gregson, W.L., CEg, USNRF, returned from leave expiring 8:00 am 26 November 1918.

J. P. Seeley
Ensign USNRF-4 jps

8:00 pm to Midnight.
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

Approved: R. M. Macdonald
Ensign (T) USN -1

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~EN ROUTE FROM~~ Chicago, Ill. TO 26 November, 1918

Ensign (T) USN, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							NW	1	29.67	66	38	38		oc	as		10	
2									W	1	29.67	69	38	38		oc	as		10	
3									W	1	29.70	72	37	37		oc	as		10	
4									SW	1	29.72	76	37	37		oc	as		10	
5									S	1	29.78	70	38	38		oc	as		10	
6									S	1	29.74	68	38	38		oc	as		10	
7									S	1	29.74	70	38	38		oc	as		10	
8									S	1	29.72	72	40	40		bc	cis		7	
9									S	1	29.70	72	40	40		bc	cis		5	
10									S	1	29.72	74	40	40		bc	cis		5	
11									S	1	29.67	69	44	44		bc	cis		5	
12									S	1	29.63	69	44	44		bc	cis		5	

a. m. { Latitude _____ Longitude _____

Noon. { Latitude _____ Longitude _____

p. m. { Latitude _____ Longitude _____

Current { Set _____ Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. { Received _____ Expended 3 tons On hand 164.6 tons

Fuel oil. { Received _____ Expended _____ On hand _____

Water. { Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago.					S	1	29.60	70	49	49		hc	cis		4	
2									S	1	29.56	73	43	43		hc	cis		3	
3									SW	2	29.53	67	41	41		hc	cis		3	
4									SW	2	29.47	63	40	40		hc	cis		8	
5									SW	2	29.50	72	39	39		hc	cis		8	
6									SW	2	29.53	75	39	39		hc	cis		10	
7									W	2	29.51	78	38	38		hc	cis		10	
8									W	2	29.51	72	37	37		hc	cis		10	
9									SW	2	29.49	70	36	36		hc	cis		10	
10									SW	3	29.44	65	35	35		hc	cis		10	
11									SW	3	29.44	72	34	34		hc	cis		10	
12									SW	3	29.48	74	33	33		hc	cis		10	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 26 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J. P. Leeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarsk.

J. P. Leeley
Ensign USNRF-4 jps

8:00 am to Meridian
Received in supply department from Standard Oil Co. 25 gallons of Polarine Oil, 50 gallons of gasoline. Received from Schulze Baking Co. 100# bread.

J. P. Leeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
At 12:00 John Jackson, W.C., Wd-ck, USNRF-2, returned from leave. At 12:35 Frese, H. H., Sea, USNRF-2, left on leave expiring noon December 10. Received from John A. Eck Company 50# sweet potatoes. At 2:00 Captain Holsinger ashore. At 2:20 received 20# of frankfurters from Arnold Bros. At 3:15 Sanders, L., WT, USN, returned from leave. At 3:40 received 1500 fire brick, 400#lof fire clay. At 4:00 Wesley, N., MM2c, USNRF-4, returned from laave.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
At 4:13 J.E. Flanders, Ensign USNRF-4, left on 13 days leave. 4.35 W.W. Schulte, Sea, USNRF, returned from leave. B.G. Tracy, F2c, USN, left on leave expiring 5:00 pm 10 December 1918.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Approved:
P. M. Macdonald
Ensign (T) USN

Examined:
P. M. Macdonald
Ensign (T) USN U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO 27 November, 1918

R.M. Macdonald, Ensign (T) USN, U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	2	29.48	72	33	33		bc	cis		10	
2									W	2	29.46	69	32	32		bc	cis		10	
3									W	2	29.46	67	31	31		bc	cis		10	
4									W	1	29.46	66	31	31		bc	cis		10	
5									SW	1	29.46	69	30	30		bc	cis		10	
6									SW	1	29.50	75	30	30		bcz	as		9	
7									SW	2	29.50	72	30	30		bcz	f		10	
8									SW	2	29.50	70	32	32		bcz	f		10	
9									SW	2	29.51	72	36	36		bcs	f		10	
10									SW	2	29.53	73	39	39		bcz	as		10	
11									SW	2	29.49	74	40	40		bcz	as		10	
12									SW	1	29.47	76	40	40		bcs	as		10	

8 a. m.	Latitude	
	Longitude	
Noon.	Latitude	
	Longitude	
8 p. m.	Latitude	
	Longitude	
Current	Set	
	Drift	

MAGAZINE TEMPERATURES:

Maximum

Minimum

	Compass	
	S. H	
	Error	
	Variation	
	Deviation	
Coal.	Received	
	Expended	2.8 tons
	On hand	161.8 tons
Fuel oil.	Received	
	Expended	
	On hand	
Water.	Distilled	
	Received	
	Expended	
	On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						SW	1	29.45	75	45	45		ocz.	as		10	
2									SW	1	29.45	74	50	50		ocz	as		10	
3									SW	1	29.40	73	52	52		ocz	as		10	
4									SW	1	29.38	71	52	52		ocz	as		10	
5									SW	1	29.35	70	46	46		ocz	as		10	
6									SW	1	29.35	70	46	46		ocz	as		10	
7									SW	1	29.30	70	46	46		ocz	as		10	
8									SW	1	29.27	70	43	43		ocz	as		10	
9									SW	1	29.25	70	43	43		ocz	as		10	
10									SW	1	29.22	70	43	43		ocz	as		10	
11									SW	1	29.22	70	43	43		ocz	as		10	
12									SW	1	29.20	70	43	43		ocz	as		10	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 27 November 1918.

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

C. a. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
At 7:45 E. Wheeler, Wd-ck, returned from leave. Carried out morning orders.

C. a. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
At 8:55 received from C.W. Tripp Co. 2 gallons oysters. At 10:00 received from Crane & Co. 25 lengths iron pipe and 1 bag of fittings; from Schultz baking Co. 100# bread; from J. Burns Lbr. Co.. 1000' 1x6, and 1000' 1x8. At 10:20 received from Maurice Cohn Co. 127# turkey, 25# celery and 1 box apples. At 11:00 J.C. Hogan, Sea, USN, released from confinement and restored to duty. Canteen stores aboard. At 11:30 R.L. Rutter, Bkrlc, USNRF, returned from leave.

C. a. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
Received from Central Cold Storage Co. 189# butter. Commanding Officer G L Holsinger, Lieutenant USNRF-1, was this date detached from this vessel and ordered to report for duty on board U.S.S. PUEBLO in obedience to orders from Bureau of Navigation.

H. J. Pestka
CQM, U.S. NAVY

4:00 pm to 8:00 pm
Received from Manhattan Electrical Supply Co. electrical supplies; in supply department from B.A. Paiston So. 24 gallons Catsup, 2 gallons mixed pickle, Sent liberty party ashore at 5:00

H. J. Pestka
CQM, U.S. NAVY

8:00 pm to Midnight.
No remarks.

H. J. Pestka
CQM, U.S. NAVY

Approved:
R.M. Macdonald
Ensign (T) USN

Examined:
R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ~~ROUTE FROM~~ Chicago, Ill. ~~TO~~ 28 November, 198

R M Macdonald, Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							SE	1	29.15	72	46	46		oc	as		10	
2									E	1	29.10	73	46	46		oc	as		10	
3									E	2	28.97	73	46	46		oc	as		10	
4									E	2	28.85	73	45	45		oc	as		10	
5									E	2	29.75	76	45	45		ocr	n		10	
6									E	2	29.65	76	45	45		ocr	n		10	
7									E	2	29.55	77	45	45		ocr	n		10	
8									SE	2	29.48	77	45	45		ocr	n		10	
9									S	4	28.39	77	50	50		ocr	n		10	
10									SSW	5-6	29.40	75	50	50		ocr	n		10	
11									SW	6	29.40	76	45	45		ocr	acu		10	
12									SW	6	29.43	76	40	40		oc	acu		10	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.5 tons / On hand 159.7 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked at Chicago, Ill.							SW	5	28.37	74	38	38		oc	acu		10	
2									SW	5	28.36	73	36	36		oc	acu		10	
3									SW	5	28.40	75	36	36		ocs	n		10	
4									W	6	28.42	73	36	36		ocr	n		10	
5									W	5	28.46	69	36	36		ocr	n		10	
6									W	5	28.54	68	36	36		ocr	n		10	
7									W	5	28.68	72	37	37		ocr	n		10	
8									W	5	28.76	73	37	37		ocu	n		10	
9									W	5	28.81	72	38	38		ocu	n		10	
10									W	4	28.85	71	38	38		oc	acu		10	
11									W	4	28.90	67	37	37		oc	acu		10	
12									W	4	28.92	64	37	37		oc	acu		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 28 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

H. J. Pestka
COM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders. Liberty party returned with no absentees.

H. J. Pestka
COM, U.S. NAVY

8:00 am to Meridian
Thompson, A A, Flc, USN, returned from 14 days leave.

H. J. Pestka
COM, U.S. NAVY

Meridian to 4:00 pm
12:00 Reed, J., Cab-ck, USNRF, left on leave expiring 12M 8 Dec. 1918; at 1:35 Schutz, G. J., Csmth2c, USNRF, left on leave to expire noon 14 December 1918.

J. P. Seeley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
4:20 Guemmer, P H, Sea, USNRF, returned from leave.

J. P. Seeley
Ensign USNRF-4 jps

8:00 pm to Midnight.
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

Approved: R. M. Macdonald
Ensign (T) USN

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

4—2502

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ~~ROUTE FROM~~ Chicago, Ill. ~~TO~~ 29 November, 1918

R M Macdonald, Ensign, (T) USN, *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1				Docked at Chicago, Ill.					W	3	28.93	60	37	37		azu	acu		10	0
2									SW	3	28.98	66	37	37		cz	acu		10	0
3									W	2	29.07	75	37	37		bc	as		10	0
4									W	2	29.11	80	37	37		bc	as		10	0
5									W	2	29.15	80	35	35		bc	as		10	0
6									W	1	29.21	78	34	34		bc	as		10	0
7									W	1	29.22	76	33	33		bc	as		10	0
8									W	2	29.24	70	30	30		bc	as		9	0
9									W	2	29.27	70	32	32		bc	as		7	0
10									W	2	29.32	74	35	35		bc	as		5	0
11									W	2	29.33	75	36	36		bc	as		5	0
12									W	2	29.33	73	40	40		bc	as		5	0

a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.5 tons / On hand 153 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago, Ill.					WNW	2	29.33	74	46	46		bcz	cis		4	
2									NW	2	29.35	74	46	46		bcz	cis		4	
3									NW	2	29.35	74	42	42		bcz	cis		3	
4									NW	2	29.35	74	40	40		bcz	cis		3	
5									WNW	2	29.38	70	40	40		bcz	cis		3	
6									WNW	2	29.40	70	37	37		ocz	as		10	
7									WNW	2	29.42	72	35	35		ocz	as		10	
8									WNW	2	29.43	72	32	32		bcz	as		10	
9									W	2	29.44	72	32	32		bcz	cis		3	
10									W	2	29.44	72	31	31		bc	as		5	
11									W	2	29.44	70	30	30		bc	as		10	
12									W	2	29.44	70	29	29		bc	as		10	

(This page to be sent to Bureau of Navigation monthly.)

(—2599

UNITED STATES SHIP ESSEX 29 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J. P. Seeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J P Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
10:00 received from Booth Fisheries 50# fish. 10:40 received from Schultz Baking Co. 100# bread. 10:45 Walker, C J, Cox, returned from leave expiring 12M this date.

J P Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
At 1:45 Chatfield, H., CMM, USNRF, left ship on leave expiring 1:00 pm 10 December 1918.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
At 5:00 Wesley, N.A., MM2c, USNRF, when checking out on liberty was found to have in his possession tools belonging to S&E Department. At 5:05 Wesley, N.A., was confined to await trial.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to Midnight.
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: R. M. Macdonald
Ensign (T) USN
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~EN ROUTE FROM~~ Chicago, Ill. TO 30 November, 191 8

R.M. Macdonald Ensign (T), U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	2	29.45	70	29	29		oc	as		10	
2									W	2	29.45	70	29	29		oc	as		10	
3									W	2	29.45	73	27	27		oc	as		10	
4									W	2	29.45	76	26	26		oc	as		10	
5									W	2	29.48	74	26	26		b	as		10	
6									W	2	29.48	71	26	26		b	as		10	
7									W	2	29.45	70	26	26		b	as		10	
8									W	2	29.43	70	26	26		b	as		10	
9									W	2	29.40	68	28	28		bcz	cis		7	
10									W	2	29.40	70	30	30		bcz	cis		7	
11									W	2	29.36	72	34	34		bcz	cis		5	
12									W	1	29.33	72	38	48		bcz	cis		5	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3 tons / On hand 150 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago.						W	2	29.28	74	39	39		bc	cis		5	
2									W	4	29.26	74	45	45		b	cis		3	
3									W	4	29.26	74	43	43		b	cis		3	
4									W	3	29.27	75	42	42		bcz	cis		8	
5									W	2	29.27	75	40	40		bcz	cis		10	
6									W	2	29.30	74	39	39		bcz	cis		10	
7									W	2	29.30	70	38	38		bcz	cis		10	
8									W	2	29.32	69	37	37		bcz	cis		10	
9									W	2	29.32	68	36	36		bcz	cis		10	
10									W	2	29.33	67	35	35		bcz	cis		10	
11									W	2	29.33	66	35	35		bcz	cis		10	
12									W	1	29.34	66	35	35		cz	cis		10	

4—2599

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 30 November 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming .

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders: cleaning ship for inspection. Liberty party returned with no absentees.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
Received from Morris And Co. 76# cheese; from Schults Baking Co. 50# bread; from S Houston And Co. 83# chicken.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
The following men were this date transferred with effects to U.S. S. COMMODORE:

Gregson, W L	CEg	USNRF
Rutter, R L	Bkrlc	USNRF
Wheeler, E	Wd-ck	USNRF
Corn, H J	Pntr2c	USN
Wheatley, V D	CM3c	USN
Stromberg, L C	CM3c	USN

Matthews, A E, Sea, USNRF, was granted 13 days leave to expire noon 12 December. Hoban, T J was granted 10 days leave expiring noon 10 December.

H. J. Pestka
COM, U.S. NAVY

4:00 pm to 8:00 pm
Morgan, L., Sea, USNRF, was this date granted 9 days leave to expire 7:00 pm 9 December.

H. J. Pestka
COM, U.S. NAVY

8:00 pm to midnight.
No remarks.

H. J. Pestka
COM, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: R. M. Macdonald
Ensign (T) USN

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., 191

....., ..., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				
P. M.																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

8 a. m. { Latitude .....
Longitude .....

Noon. { Latitude .....
Longitude .....

8 p. m. { Latitude .....
Longitude .....

Current { Set .....
Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received .....
Expended .....
On hand .....

Fuel oil. { Received .....
Expended .....
On hand .....

Water. { Distilled .....
Received .....
Expended .....
On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

4—2509

(This page to be sent to Bureau of Navigation monthly.)

JAN 20 1919

N. Eq. 20.

LOG BOOK

OF THE

U. S. S. ESSEX

_____ Rate,

COMMANDED BY

P. M. Macdonald Ensign (T), U. S. Navy,

Attached to _____ Division,

_____ Squadron,

_____ Fleet,

Commencing 1 December, 1918,

at Chicago, Illinois,

and ending 31 December, 1918,

at Chicago, Illinois

1915.

1—2500

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LOG BOOK

LIST OF OFFICERS

Attached to and on board of the U. S. S. ESSEX, commanded by R M Macdonald Ensign (T), U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from 1 December, 1918, to 31 December, 1918

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.
Macdonald, Robert M	Ensign (T) USN	21 Sept. 1918		
Flanders, Jerome E	Ensign USNRF-4	4 Sept. 1918		
Seeley, John P	Ensign USNRF-4	6 Oct. 1918		
Wright, Robert E	Ensign Pay Corps	14 April, 1918		
Krause, Joseph P	Carpenter (T)	15 Oct. 1917		

Examined and found to be correct.

J. E. Flanders

Ensign USNRF *Navigator.*
-4

4—2599

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

LIST OF OFFICERS

Attached to and on board of the U. S. S. ....., commanded by ....., U. S. N., during the period covered by this Log Book, with date of reporting for duty, detachment, transfer, or death, from ....., 191 , to ....., 191

NAME.	RANK.	DATE OF REPORTING FOR DUTY.	DETACHMENT OR TRANSFER.	
			DATE.	PARTICULARS.

ALLOWED COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Apprentice Seamen, and Marines on board of the U. S. S. ESSEX at end of period covered by this log book, 31 December, 1918

Number allowed.	Ratings.	Number on board.
	SEAMAN BRANCH.	
	Chief Master-at-Arms	
	Master-at-Arms, first class	
	Master-at-Arms, second class	
	Master-at-Arms, third class	
1	Chief Boatswain's Mate	2
3	Boatswain's Mates, first class	0
2	Boatswain's Mates, second class	1
6	Coxswains	2
1	Chief Gunner's Mate	1
	Gunner's Mates, first class	
	Gunner's Mates, second class	
2	Gunner's Mates, third class	1
	Chief Turret Captains	
	Turret Captains, first class	
1	Chief Quartermaster (Navigating)	0
1	Chief Quartermaster (Signals)	1
2	Quartermaster, first class	0
2	Quartermaster, second class	0
2	Quartermaster, third class	2
50	Seamen	6
75	Ordinary Seamen	13
	Apprentice Seamen	
	Total 29	
	ARTIFICER BRANCH.	
1	Chief Electrician	1
1	Electricians, first class	1
1	Electricians, second class	1
2	Electricians, third class	2
1	Chief Electrician (Radio)	0
1	Electricians, first class (Radio)	0
1	Electricians, second class (Radio)	0
1	Electricians, third class (Radio)	0
1	Chief Carpenter's Mate	0
1	Carpenter's Mates, first class	2
1	Carpenter's Mates, second class	1
1	Carpenter's Mates, third class	0
	Shipwrights	
1	Shipfitters, first class	2
	Shipfitters, second class	
	Blacksmiths	2
1	Plumbers and Fitters	0
1	Sailmaker's Mates	0
	Printers	
	Painters, first class	
	Painters, second class	
LEg	Painters, third class	1
	Total 13	
	ARTIFICER BRANCH—ENGINE-ROOM FORCE.	
3	Chief Machinist's Mates	5
3	Machinist's Mates, first class	3
3	Machinist's Mates, second class	0
1	Chief Water Tenders	1
2	Water Tenders	2
1	Boiler Maker	1
	Blacksmiths	
1	Coppersmiths	1
3	Oilers	2
6	Firemen, first class	4
6	Firemen, second class	1
6	Coal Passers	1
	Total 21	
	SPECIAL BRANCH.	
4	Chief Yeoman—Commanding Officer	
	Chief Yeoman—Equipment Department	
	Chief Yeoman—Pay Department	2
	Chief Yeoman—Engineer Department	
	Chief Yeoman—Executive Officer	
5	Yeoman, first class—Commanding Officer	
	Yeoman, first class—Equipment Department	
	Yeoman, first class—Executive Officer	0
	Yeoman, first class—Pay Department	
	Yeoman, first class—Engineer Department	
	Yeoman, first class—Ship's Store	
2	Yeoman, second class—Commanding Officer	
	Yeoman, second class—Ordnance Officer	1
	Yeoman, second class—Executive Officer	
	Yeoman, second class—Navigator	

Number allowed.	Ratings.	Number on board.
	SPECIAL BRANCH—Continued.	
	Yeoman, second class—ctd.—Pay Department	
	Yeoman, second class—ctd.—Engineer Department	
	Yeoman, second class—ctd.—Ship's Store	
	Yeoman, third class—Commanding Officer	
	Yeoman, third class—Equipment Department	
2	Yeoman, third class—Pay Department	2
	Yeoman, third class—Ship's Store	
	Yeoman, third class—Engineer Department	
	Yeoman, third class—Navigator	
	Yeoman, third class—Executive Officer	
	[redacted] Landsman Yeo	1
	[redacted] PhM2c	1
1	[redacted] Apprx C Storekeeper	
2	Buglers	1
1	[redacted] Storekeeper 2c	1
1	[redacted] Storekeeper 3c	1
2	Musician, first class	
2	Musicians, second class	
	Total 10	
	COMMISSARY BRANCH.	
1	Chief Commissary Steward	1
	Commissary Steward	
1	Ship's Cooks, first class	3
1	Ship's Cooks, second class	1
1	Ship's Cooks, third class	1
2	Ship's Cooks, fourth class	4
1	Bakers, first class	0
	Bakers, second class	1
	Total 11	
	MESSMEN BRANCH.	
1	Cabin Steward	0
1	Cabin Cook	1
1	Mess Attendant	0
1	Wardroom Steward	0
1	Wardroom Cook	1
4	Mess Attendants	0
	Mess Attendants (Laundry)	
	Steerage Steward	
	Steerage Cook	
	Mess Attendants	
	Warrant Officers' Steward	
	Warrant Officers' Cook	
	Mess Attendants	
	Total 2	
	ADDITIONAL FOR FLAGSHIP.	
	Chief Quartermaster	
	Quartermaster, first class	
	Quartermaster, second class	
	Quartermaster, third class	
	Boatswain's Mate, 2d cl., Coxwain to Com. in Chief	
	Coxswains to Commander in Chief	
	Coxswain, Chief of Staff	
	Seamen	
	Ordinary Seamen	
	Musicians, first class	
	Musicians, second class	
	Printer	
	Chief Yeoman	
	Yeoman, first class	
	Yeoman, second class	
	Yeoman, third class	
	Steward to Commander in Chief	
	Cabin Steward	
	Cabin Steward to Chief of Staff	
	Cook to Commander in Chief	
	Mess Attendant	
	Mess Attendants, Staff	
	Total	
	MARINE GUARD.	
	Sergeant Majors	
	Quartermaster Sergeants	
	Gunnery Sergeants	
	First Sergeants	
	Sergeants	
	Corporals	
	Drummers and Trumpeters	
	Privates	

4—2692

Examined and found to be correct.

A. E. Flanders Ensign USNRF-4 *Navigator.*

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

ARMAMENT

Of the U. S. S. ESSEX

MAIN BATTERY.

GUNS. No.	Cal.	Length in Calibers.	Mark and Modifications.	Mark of Breech Mechanism.	Remarks.	SHIP AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	Remarks.
4	3 pdr.	50	X	X					
2	3 pdr.	50	X 1	X					

SECONDARY BATTERY.

GUNS. No.	Cal.	Mark and Modifications.	Remarks.	SHIP, BOAT, AND FIELD MOUNTS. No.	Type.	Mark and Modifications.	Remarks.

SMALL ARMS.

No.	Kind.	Cal.	Type.	Model.	Remarks.
40	Rifle	30	Spring field	1903	
4	Revol- ver	38	DA	Colt	

TORPEDOES AND MINES.

	Torpedo Tubes.	Torpedoes.		Air Compressors.	Air Accumulators.	Air Separators.		Live Mines.	Dummy Mines.	Counter Mines.
Kind			Kind				Mark			
Length			Mark				Number allowed			
Diameter			Capacity							
Mark			Pressure							
Number allowed			Number							

Examined and found to be correct.

J. E. Flanders.

Ensign USNRF-4 *Navigator.*

4—2596

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

TABLES OF DEVIATION OF THE STANDARD COMPASS NO. ..... ON BOARD THE U. S. S. .....

Date						
Place of Observation						
Latitude						
Longitude						
Observed Variation						

SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
0°						
15°						
30°						
45°						
60°						
75°						
90°						
105°						
120°						
135°						
150°						
165°						
180°						
195°						
210°						
225°						
240°						
255°						
270°						
285°						
300°						
315°						
330°						
345°						

DESCRIPTION OF INSTRUMENTS USED FOR METEOROLOGICAL OBSERVATIONS, THEIR LOCATION, ETC.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COMPARISON.	COMPARED WITH—	ERROR.
MERCURIAL BAROMETER.						
ANEROID BAROMETER.						
THERMOMETER (Dry Bulb).						
THERMOMETER (Wet Bulb). (Psychrometer.)						

Examined and found to be correct.

Navigator.

4—2500

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OKEMOOKEXPRESS~~ Chicago, Ill. ~~XXX~~ 1 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dbt Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1	Docked at Chicago, Ill.								SW	3	29.10	70	36	36		ocr	n		10	
2									SW	3	29.10	70	34	34		ocr	n		10	
3									SW	3	29.12	72	32	32		ocr	n		10	
4									SW	2	29.15	72	31	31		ocr	n		10	
5									SW	2	29.20	74	30	30		ocr	n		10	
6									SW	2	29.23	75	26	26		oc	as		10	
7									SW	2	29.23	75	26	26		oc	as		10	
8									SW	2	29.20	74	26	26		ocz	as		10	
9									W	2	29.22	72	26	26		bcz	as		10	
10									W	2	29.22	72	30	30		ocs	as		10	
11									W	2	29.22	72	28	28		ocs	as		10	
12									W	2	29.23	72	29	29		ocs	as		10	

2

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.5 tons / On hand 143.1 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1	Docked at Chicago, Ill.								W	2	29.20	68	30	30		ocs	as		10	
2									W	2	29.19	68	30	30		ocs	as		10	
3									W	2	29.19	68	31	31		oc	as		10	
4									W	2	29.20	68	31	31		oc	as		10	
5									W	2	29.21	70	32	32		oc	cis		10	
6									W	2	29.19	70	32	32		oc	scu		10	
7									W	2	29.22	71	33	33		oc	scu		10	
8									W	2	29.22	71	33	33		oc	scu		10	
9									W	2	29.22	71	33	33		oc	as		10	
10									W	2	29.21	71	32	32		oc	as		10	
11									W	2	29.20	72	32	32		bc	as		10	
12									W	2	29.19	71	32	32		bc	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 1 December 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

H. J. Ladka
COM, U.S. NAVY

4:00 am to 8:00 am
Carried out mornin orders. Liberty party returned with no absentees.

H. J. Ladka
COM, U.S. NAVY

8:00 am to Meridian
Received in Supply Department from American Ice Cream Co. 5 gallons of ice cream.

H. J. Ladka
COM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

J. P. Lesley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

J. P. Lesley
Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

J. P. Lesley
Ensign USNRF-4 jps

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page .....

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 2 December, 1918

R M Macdonald, Ensign (T), U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						SW	3	29.10	70	36	36		ocr	n		10	
2									SW	3	29.10	70	34	36		ocr	n		10	
3									SW	3	29.12	72	32	36		ocr	n		10	
4									SW	2	29.12	72	31	36		ocr	n		10	
5									SW	2	29.15	74	30	26		ocr	n		10	
6									SW	2	29.20	75	26	26		oc	as		10	
7									SW	2	29.23	75	26	26		oc	as		10	
8									SW	2	29.23	74	26	26		ocz	as		10	
9									W	2	29.20	73	26	26		bcz	as		10	
10									W	2	29.22	72	30	30		bcz	as		10	
11									W	2	29.22	72	28	28		ocs	as		10	
12									W	2	29.23	72	29	29		ocs	as		10	
P. M.																				
1			Docked at Chicago.						W	2	29.20	68	30	30		ocs	as		10	
2									W	2	29.19	68	30	30		ocs	as		10	
3									W	2	29.19	68	31	31		oc	as		10	
4									W	2	29.20	68	31	31		oc	as		10	
5									W	2	29.21	70	32	32		oc	cis		10	
6									W	2	29.19	70	32	32		oc	scu		10	
7									W	2	29.22	71	33	33		oc	scu		10	
8									W	2	29.22	71	33	33		oc	scu		10	
9									W	2	29.22	71	33	33		oc	as		10	
10									W	2	29.21	71	32	32		oc	as		10	
11									W	2	29.20	72	32	32		bc	as		10	
12									W	2	29.19	71	32	32		bc	as		10	

Sa. m. { Latitude ..... Longitude .....

Noon. { Latitude ..... Longitude .....

Sp. m. { Latitude ..... Longitude .....

Current { Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received ..... Expended 3.5 tons On hand 143.1 tons

Fuel oil. { Received ..... Expended ..... On hand .....

Water. { Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 2 December 1918

REMARKS.

Commencing and until 4:00 am
#1 boiler steaming for auxiliary purposes.

J. P. Seeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
9;30 received from Armour and Co. 270# beef; 10:00 receive from Schultz Baking Co. 100# bread. 10:00 lit off #2 boiler. 10:55 Ming Chin, MA3c, USNRF-2, returned from leave expiring 12M this date. 1:00 received from C F Meyer And Co. 20# frankfurters, 25# hamburger, 79# pork loins, 50# beef tongue. 11:45 Holter, F B, MM1c, USNRF, returned from leave of absence expiring 12M this date.

J. P. Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
12:30 steam forming on #2 boiler. 12:30 received from Maurice Cohen 140# apples, 25# celery, 160# oranges, 1000# potatoes. 12:40 received from Great Lakes Training Station 6 ash cans, 1 coil 9 thread manila, 1 box stationary. 1:40 U.S.S. YANTIC stood in the harbor. 3:00 chin Ming, MA3c, transferred to U.S.S. COMMODORE; N A Wesley, MM2c, transferred to Great Lakes as SCM prisoner under guard. 3:15 cut in #2 boiler. 3:45 D A Carver, CBM, temporarily transferred to U.S.S. COMMODORE, sick. 3:55 received 25# sausage from Morris Co.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
4:00 cut out #1 boiler.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
10:10 Dr. Wood returned from leave.

C. A. Holmberg
CGM, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill TO 3 December, 1918

R M Macdonald Ensign, (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							SW	1	29.14	71	34	34		ocs	scu		10	
2									S	1	29.11	70	35	35		ocs	scu		10	
3									SE	2	29.10	77	35	35		ocs	scu		10	
4									SE	2	29.03	75	37	37		ocu	scu		10	
5									S	1	29.99	74	37	37		ocu	scu		10	
6									S	1	29.96	72	38	38		ocw	as		10	
7									SW	1	29.95	70	38	38		ocw	as		10	
8									SW	1	29.93	68	38	38		ocw	as		10	
9									SW	2	29.92	65	39	39		oc	as		8	
10									W	2	29.93	67	41	41		bc	as		5	
11									W	2	29.93	70	41	41		bc	cis		10	
12									W	2	29.93	70	42	42		ocu	acu		10	

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:

Maximum

Minimum

Compass		
S. H		
Error		
Variation		
Deviation		
Coal. Received		
Coal. Expended	3.5 tons	
Coal. On hand	139.5 tons	
Fuel oil. Received		
Fuel oil. Expended		
Fuel oil. On hand		
Water. Distilled		
Water. Received		
Water. Expended		
Water. On hand		

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1		Docked at Chicago							WNW	2	28.93	70	42	42		ocz	scu		10	
2									WNW	2	28.93	70	39	39		ocz	scu		10	
3									WNW	2	28.93	70	37	37		ocz	scu		10	
4									W	2	29.00	70	33	37		ocr	n		10	
5									W	2	29.06	68	30	33		ocr	n		10	
6									W	2	29.10	68	30	30		ocr	nn		10	
7									W	2	29.15	69	30	30		ocr	n		10	
8									W	2	29.18	69	30	30		ocr	acu		4	
9									W	2	29.22	70	30	30		bc	acu		4	
10									W	2	29.25	70	30	30		b	acu		4	
11									W	1	29.28	70	29	29		b	acu		4	
12									W	1	29.30	70	28	28		b	acu		4	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ESSEX 3 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders. Liberty party returned with no absentees.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
G. Wood, Lieutenant Medical Corps, USNRF-2, was this date detached from this vessel and ordered to report to U S.S. BLUE RIDGE in obedience to orders from Bureau of Navigation. Thomas, J., Bsmth, USNRF, was transferred to Marine Hospital, Chicago; Walters, A S, SC2c reported on board for duty from the Marine Hospital. Henderson, W A, SF1c, USNRF, was this date granted 10 days leave to expire noon 12 December.

H. J. Deatka
CQM, U. S. NAVY

4:00 pm to 8:00 pm
Sent liberty ashore at 5:00

H. J. Deatka
CQM, USN

8:00 pm to midnight.
No remarks.

H. J. Deatka
CQM, USN

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page _____

LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ~~ROUTE FROM~~ Chicago, Ill TO 4 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.30	68	28	28		oc	as		10	
2									W	1	29.35	68	28	28		oc	as		10	
3									W	1	29.35	68	28	28		oc	as		10	
4									W	1	29.38	68	27	27		oc	as		10	
5									NW	1	29.42	68	26	26		oc	as		10	
6									NW	1	29.45	69	27	27		ocz	as		10	
7									NW	1	29.45	70	28	28		ocz	scu		10	
8									NW	2	29.46	72	30	30		ocz	scu		10	
9									NW	2	29.48	72	30	30		ocz	scu		10	
10									NW	1	29.50	71	30	30		ocz	cis		7	
11									NW	1	29.52	72	30	30		bcz	cic		5	
12									NW	1	29.52	73	30	30		bcz	cis		5	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 3.7 tons / On hand 135.7 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									NW	2	29.51	73	30	30		ocs	scu		10	
2									NNW	2	29.52	73	30	30		ocs	scu		10	
3									NW	2	29.52	73	33	33		ocz	scu		10	
4									NW	1	29.52	74	33	33		ocz	scu		10	
5									NW	1	29.54	73	32	32		ocz	scu		10	
6									W	1	29.54	73	33	33		ocz	as		10	
7									W	1	29.56	72	33	33		ocz	as		10	
8									W	1	29.56	70	32	32		ocz	cis		10	
9									W	1	29.56	70	32	32		ocz	scu		10	
10									W	1	29.55	70	32	32		ocz	scu		10	
11									W	1	29.55	71	32	32		ocz	scu		10	
12									W	1	29.55	70	32	32		ocz	scu		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 4 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming.

H. J. Testka
Com, USN

4:00 am to 8:00 am
Carried out morning orders. Crew scrubbed bags. Liberty party returned with no absentees.

H. J. Testka
Com, USN

8:00 am to Meridian
McGruder, MA3c, USNRF-2, was placed in solitary confinement for five days for insolence. Walters, A S , SC2c, USNRF, was this date granted 14 days leave to expire 8:00 am 18 December.

H. J. Testka
Com, USN

Meridian to 4:00 pm
2:35 received from Consumer's Ice Co. 1400# ice.

J. P. Seeley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 pm to midnight
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

Approved:
R. M. Macdonald
Ensign (T) USN

Examined:
J. E. Flanders
Ensign USNRF-4 U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 5 December, 1918

R M Macdonald (T), ensign, U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. Air.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.53	70	32	32		ocz	as		10	
2									W	1	29.50	67	32	32		ocz	as		10	
3									W	1	29.48	60	32	32		oc	as		8	
4									SW	1	29.45	58	34	34		oc	cis		10	
5									S	2	29.41	60	33	33		oz	cis		10	
6									S	2	29.40	59	33	33		ocw	scu		10	
7									S	1	29.35	58	33	33		oc	cis		10	
8									S	1	29.33	61	32	32		ow	cis		10	
9									S	2	29.29	61	34	34		ocz	cis		10	
10									S	2	29.24	60	35	35		ocz	cis		10	
11									S	2	29.17	66	39	39		ocz	cis		10	
12									S	2	29.13	72	42	42		ocz	cis		10	

P. M.																				
1			Docked at Chicago, Ill.						SSW	3	29.03	72	42	42		ocz	cis		8	
2									SW	4	28.99	73	46	46		ocz	cis		10	
3									SW	4	29.00	75	47	47		bc	as		8	
4									SW	2	29.00	76	47	47		bc	as		8	
5									SW	3	29.02	75	46	46		bc	cicu		7	
6									SW	2	29.06	75	46	46		bc	cicu		3	
7									SW	2	29.15	75	46	46		b				
8									SW	1	29.20	75	45	45		b				
9									SW	1	29.24	74	43	43		b				
10									SW	1	29.27	74	40	40		b				
11									SW	1	29.32	72	38	38		b				
12									SW	1	29.37	70	38	38		b				

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.4 tons / On hand 132. 2 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
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7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 5 December 1918

REMARKS.

Commencing and until 4:00 am

#2 boiler steaming for auxiliary purposes.

J. P. Seeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
9:15 transfered the following men to U.S.S. COMMODORE:

Willey, F J; Cox, USN,
Boyle, M J; Sea, USN,
Watkins, F W; Sea, USN,
Brill, J L; Sea, USN,
Tuncil, A A; Sea, USNRF-2
Mitchell, G R; Sea, USN
Hogan, J E; Sea, USN
Guemmer, P A; Sea, USNRF-2
Schulte, W H; Sea, USNRF-2
Grazer, A A; Sea, USNRF-2

9:40 received of Schultz Baking Co. 50# bread. 10:55 received of Booth Fisheries Co. 50# fish and 2 gallon oysters. 11:00 Cristoe, W J, F2c, USN, returned from leave expiring 12 noon 5 December 1918.

J. P. Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
12:10 C A Smith, F1c, USNRF-2, left on leave expiring noon 17 December 1918. Received from S Houston and Son 132# bananas. 2:30 received from U.S.S. COMMODORE the following men:

Smith, J B	S2c	Johnson, S E	S2c
Reider, W N	"	Clineman, R W	""
Cooper G W	"	Fassbender, L J	"
Brennan, J E	"	Dolde, F J	"
Webb, C E	"	West, C B	"
Elliott, R E	"	Sparano, H J	"
Goodall, E J	"	Traube, A	"
		Augustine, C C	"

C. A. Holmberg
CGM, USN

4:00 pm to 8:00 pm
Crew paid semi-monthly at 4:15.

C. A. Holmberg
CGM, USN

8:00 pm to midnight.
No remarks.

C. A. Holmberg
CGM, USN

Approved:
R. M. Macdonald
Ensign (T) USN

Examined:
J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 6 December, 1918

R M Macdonald, Ensign (T) U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.45	70	36	36		h				
2									W	1	29.48	68	36	36		h				
3									W	1	29.52	67	35	35		h				
4									W	1	29.55	68	34	34		h				
5									W	1	29.58	74	34	34		h				
6									W	1	29.62	74	34	34		h				
7									W	1	29.67	74	34	34		oc	scu		6	
8									W	1	29.70	72	34	34		oc	scu		5	
9									NW	1	29.75	72	40	40		bc	cicu		2	
10									N	1	29.78	74	43	43		bc	scu		6	
11									N	1	29.80	76	43	43		bc	cicu		3	
12									N	1	29.75	72	44	44		bc	cicu		5	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures: Maximum _____ Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal: Received _____ Expended 3.5 tons On hand 128.7 tons

Fuel oil: Received _____ Expended _____ On hand _____

Water: Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1									SW	1	29.71	72	44	44		bc	cis		7	
2									SW	1	29.67	70	42	42		bc	cicu		7	
3									S	1	29.66	70	41	41		bc	cicu		9	
4									S	1	29.64	70	40	40		bc	cicu		10	
5									S	1	29.61	69	40	40		bc	cis		10	
6									SW	1	29.61	71	40	40		oc	cis		10	
7									SW	1	29.57	71	40	40		oc	cis		10	
8									SW	1	29.51	71	40	40		oc	cis		10	
9									SW	1	29.48	70	41	41		oc	cis		10	
10									SW	1	29.46	71	41	41		bc	cis		10	
11									SW	2	29.45	71	41	41		bc	cis		10	
12									W	2	29.43	70	41	41		bc	cis		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX 6 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

C. A. Holmberg
CGM, USN

4:00 am to 8:00 am
Carried out morning orders. Holystoned Gun Deck. Liberty party returned on board with no absentees.

C. A. Holmberg
CGM, USN

8:00 am to Meridian
At 9:00 received from O F Mayer 25# beef liver. 10:00 U.S.S. YANTIC moored at Pugh Terminal dock ahead of ESSEX. 10:20 received from Schultz Baking Co. 50# bread.

C. A. Holmberg
CGM, USN

Meridian to 4:00 pm
No remarks.

H. J. Testka
CQM, USN

4:00 pm to 8:00 pm
Received in C&R department from Chicago Eng. Co. 267 Ft. asbestos pipe covering. Sent liberty party ashore at 5:00.

H. J. Testka
CQM, USN

8:00 pm to midnight.
No remarks.

H. J. Testka
CQM, USN

Approved:
P. M. Macdonald
Ensign (T) USN

Examined:
J. E. Flanderin
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE ~~FROM~~ Chicago, Ill TO 7 December, 1918

R M Macdonald, Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						SW	2	29.42	73	40	40		bc	cis		10	
2									SW	2	29.40	73	39	39		bc	scu		10	
3									SW	2	29.37	75	38	38		oc	scu		10	
4									SW	2	29.34	74	38	38		oc	scu		10	
5									SW	2	29.36	72	40	40		oc	cis		10	
6									SW	2	29.32	71	40	40		oc	cis		10	
7									SW	1	29.31	72	39	39		oc	as		10	
8									SW	1	29.30	72	40	40		oc	as		10	
9									W	1	29.28	75	42	42		oc	as		5	
10									W	1	29.28	77	44	44		b	as		5	
11									W	1	29.27	77	46	46		b	as		4	
12									W	1	29.24	78	48	48		b	as		4	

P. M.																				
1							Docked Chicago.		W	1	29.23	80	50	50		bcc	acu		8	
2									W	1	29.20	70	50	50		ocf	acu		10	
3									W	1	29.17	69	52	52		ocf	as		10	
4									W	1	29.14	68	50	52		ocf	as		10	
5									W	1	29.11	68	50	50		ocz	os		10	
6									W	1	29.13	68	50	50		ocz	os		10	
7									W	1	29.16	75	50	50		bc	os		7	
8									W	1	29.08	76	50	50		bc	os		4	
9									SW	1	29.10	67	50	50		b				
10									SW	1	29.09	67	50	50		b				
11									W	1	29.08	70	50	50		b				
12									W	1	29.08	66	50	50		b				

a. m. Latitude ____
Longitude ____

Noon. Latitude ____
Longitude ____

p. m. Latitude ____
Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass. ____
S. H. ____
Error ____
Variation ____
Deviation ____

Coal. Received ____ Expended 3.2 tons On hand 125. 4 tons

Fuel oil. Received ____ Expended ____ On hand ____

Water. Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 7 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming.

H. J. Leatka
COM, USN

4:00 am to 8:00 am
Carried out morning orders.

H. J. Leatka
COM, USN

8:00 am to Meridian
R F Clineman, S2c, USNRF, was this date transferred to Marine Hospital. Received in Supply Department from Schultz Baking Co. 100# bread; from Maurice Cohen 75# chicken. Pawlak, C J, CM2c, USN, returned from 11 days leave.

H. J. Leatka
COM, USN

Meridian to 4:00 pm
2:30 received from Chaplan and Smtih 48# mince meat.

J. P. Seeley.
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

J. P. Seeley.
Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

Approved:
R. M. Macdonald
Ensign (T) USN

Examined:
J. E. Flanders
Ensign USNRF-4 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 8 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.10	72	50	50		b				
2									W	1	29.12	71	48	48		b				
3									W	1	29.15	71	46	46		b				
4									W	1	29.16	72	45	45		b				
5									W	1	29.18	70	45	45		bc	acu		6	
6									W	1	29.22	68	44	44		bc	acu		8	
7									W	1	29.25	64	44	44		bc	acu		8	
8									W	1	29.25	64	44	44		bc	acu		8	
9									W	1	29.26	70	44	44		bc	acu		8	
10									W	1	29.30	72	46	46		bc	acu		7	
11									W	1	29.30	74	50	50		bc	acu		5	
12									W	1	29.30	76	54	54		bc	acu		5	

Noon. Latitude	
Noon. Longitude	
Current Set	
Current Drift	
Magazine Temperatures: Maximum	
Magazine Temperatures: Minimum	
Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	3.5 tons
Coal. On hand	121.8 tons
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.	Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
1			Docked at Chicago.							W	1	29.28	72	65	65		b	acu		4	
2										W	1	29.27	70	68	68		b	acu		4	
3										W	1	29.27	68	64	64		b	acu		5	
4										W	1	29.28	66	51	51		bc	cicu		7	
5										W	1	29.31	71	48	48		bc	as		10	
6										W	1	29.33	72	46	46		bc	as		10	
7										W	1	29.34	73	47	47		bc	as		10	
8										W	1	29.34	73	47	47		bc	as		10	
9										W	1	29.34	75	47	47		oc	cis		10	
10										W	1	29.34	75	46	46		oc	cis		10	
11										SE	1	29.32	72	46	46		ocu	scu		10	
12										SE	1	29.32	71	46	46		ocu	scu		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 8 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming.

J. P. Seeley
Ensign USNRF-4 jps

4:00 pm to 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
11:30 Reid, J, Cab-ck, USNRF-2 returned from leave of absence expiring noon 8 December 1918. 11:40 kerr, J C, SC1c. USN, returned from leave of absence expiring noon 8 December 1918.

J. P. Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
12:05 received in supply department 20 bricks ice cream.

C. A. Holmberg
CGM, USN

4:00 pm to 8:00 pm
No remarks.

C. A. Holmberg
CGM, USN

8:00 pm to midnight.
No remarks.

C. A. Holmberg.
CGM, USN

Approved:

R. M. Macdonald
Ensign (T) USN

Examined:

J. E. Flanders
Ensign USNRF-4 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OR EN ROUTE FROM~~ Chicago, Ill. ~~TO~~ 9 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						SE	1	29.31	72	46	46		ob	cis		10	
2									SE	1	29.31	72	46	46		oc	cis		10	
3									SE	1	29.29	72	44	44		oc	cs		10	
4									SE	1	29.28	70	43	43		ocr	n		10	
5									SE	1	29.27	75	42	42		ocr	n		10	
6									SE	1	29.27	72	42	42		ocr	n		10	
7									SE	1	29.27	70	43	43		ocr	n		10	
8									SE	1	29.23	68	43	43		ocu	n		10	
9									SE	1	29.23	70	44	44		ocu	cicu		8	
10									SE	1	29.23	72	42	42		ocr	n		10	
11									SE	1	29.20	73	44	44		ocr	n		10	
12									SE	2	29.16	71	43	43		ocr	n		10	

Sea. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. If
Error
Variation
Deviation

Coal. { Received / Expended 3.5 tons / On hand 118.5 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago.						SE	1	29.13	70	43	43		ocr	n		10	
2									SE	1	29.11	72	43	43		ocr	n		10	
3									SE	1	29.14	73	43	43		ocr	n		10	
4									SE	1	29.15	71	44	44		ocr	n		10	
5									SE	1	29.12	67	45	45		ocr	n		10	
6									E	1	29.15	70	46	46		ocr	n		10	
7									E	1	29.20	72	46	46		ocr	s		10	
8									E	1	29.20	72	46	46		ocz	s		10	
9									E	1	29.20	72	46	46		ocz	s		10	
10									E	1	29.22	71	46	46		ocz	s		10	
11									E	1	29.22	71	46	46		ocz	s		10	
12									E	1	29.20	71	46	46		ocz	s		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 9 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming.

C. A. Holmberg
CGM, USN

4:00 am to 8:00 am
Liberty party returned with no absentees.

C. A. Holmberg
CGM, USN

8:00 am to meridian
At 8:18 Ensign Flanders returned on board from leave of absence. At 9:00 held quarters for muster. At 9:15 McGruder, R, MA3c, release from confinement and restored to duty. 9:30 received from Morris And Co. 25# pork sausage; 50# sweet potatoes, 100# onions, 600# potatoes; from Schultze Baking Co. 50# bread; from Mayer Bros, 25# frankfurters, 50# pork loins, 25# hamburger.

C. A. Holmberg
CGM, USN

Meridian to 4:00 pm
Received in Supply department from Central Cold Storage Co. 186# butter; from Arnold Bros. 100# ham; 50# bacon.

H. J. Testka
CQM, USN

4:00 pm to 8:00 pm
Morgan L, Sea, USNRF-2, returned from 9 days leave.

H. J. Testka
CQM, USN

8:00 pm to midnight.
No remarks.

H. J. Testka
CQM, USN

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4 U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP USSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 10 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air, Dry Bulb.	Temperature. Air, Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							E	1	29.22	68	44	44		ocz	scu		10	
2									E	1	29.22	67	44	44		ocz	scu		10	
3									E	1	29.22	67	44	44		ocz	scu		10	
4									E	1	29.25	67	43	43		ocz	scu		10	
5									E	1	29.27	70	43	43		ocz	scu		10	
6									E	1	29.30	73	43	43		ocz	scu		10	
7									E	1	29.30	76	43	43		ocz	scu		10	
8									E	1	29.26	73	43	43		ocz	scu		10	
9									SE	1	29.30	70	45	45		ocf	S		10	
10									SE	1	29.30	70	45	45		ocf	S		10	
11									SE	1	29.30	72	46	46		ocz	S		10	
12									SE	1	29.30	71	45	45		ocz	S		10	

Sun. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sun. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 4 tons / On hand 114. 2 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air, Dry Bulb.	Temperature. Air, Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
P. M.																				
1		Docked at Chicago, Ill.							SE	1	29.22	70	44	44		ocs	S		10	
2									SE	1	29.20	67	43	43		ocs	S		10	
3									SE	1	29.19	66	43	43		ocz	S		10	
4									SE	2	29.19	65	42	42		ocz	S		10	
5									SE	1	29.22	63	43	43		ocz	scu		10	
6									SE	1	29.23	62	43	43		ocz	scu		10	
7									SE	1	29.24	63	44	44		ocu	scu		10	
8									SE	1	29.25	64	44	44		ocu	scu		10	
9									SE	1	29.28	68	44	44		ocw	scw		10	
10									S	1	29.30	72	45	45		ocz	ss		10	
11									SW	1	29.34	75	46	46		ocz	ss		10	
12									SW	1	29.34	76	44	44		oc	ss		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 10 December 1918

REMARKS.

Commencing and until 4:00 am
Steam on #2 boiler.

H. J. Leathers
CQM U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders. Liberty party returned with no absentees.

H. J. Leathers
CQM U.S. NAVY

8:00 am to Meridian
Frese, H H, Sea, USNRF-2, returned from 14 days leave.
Hoban, T J, Oil, USNRF-2, returned from 10 days leave.

H. J. Leathers
CQM, U.S. NAVY

Meridian to 4:00 pm
12:45 Chatfield, H, CMM, USNRF-2, returned from leave expiring 1:00 pm this date. 12:50 Dobbs, C, MAlc, and McGruder, R, MA3c, were transferred to U.S. Naval Training Station, Great Lakes Illinois.

J. P. Leeley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
4:00 Tracey, B G, F2c, USN, returned form leave expiring 5:00 pm this date. 6:10 Bush C C, QM3c, USN, returned to duty from Great Lakes Hospital.

J. P. Leeley
Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

J. P. Leeley
Ensign USNRF-4 jps

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

Page ____

LOG OF THE UNITED STATES SHIP USSEX cember 1918

AT ~~OPEN ROSTER FROM~~ Chicago, Ill. ~~TO~~ 11 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							W	1	29.34	72	43	43		ocz	scu		10	
2									W	1	29.38	77	41	41		ocu	scu		10	
3									W	1	29.40	76	40	40		ocu	scu		10	
4									W	1	29.43	76	40	40		ocu	scu		10	
5									SW	1	29.44	76	38	38		ocz	scu		10	
6									SW	1	29.46	74	38	38		ocz	scu		10	
7									SW	1	29.49	75	38	38		ocz	scu		10	
8									SW	1	29.50	72	38	38		ocz	as		10	
9									SW	1	29.50	72	38	38		bc	cis		10	
10									SW	2	29.51	72	40	40		bc	cis		10	
11									SW	2	29.49	71	43	43		bc	cis		5	
12									SW	2	29.46	73	44	44		bc	cis		3	

Noon. Latitude	
Noon. Longitude	
4 p. m. Latitude	
4 p. m. Longitude	
Current Set	
Current Drift	
Magazine Temperatures: Maximum	
Magazine Temperatures: Minimum	
Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	3.8 tons
Coal. On hand	110.4 tons
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked at Chicago, Ill.							SW	3	29.45	73	53	53		bc	acu		3	
2									SW	3	29.50	73	50	50		bc	acu		3	
3									W	2	29.55	73	47	47		bc	acu		5	
4									W	2	29.53	73	47	47		bc	cis		5	
5									W	1	29.54	73	42	42		bc	cis		5	
6									W	1	29.57	73	42	42		bc	cis		3	
7									W	1	29.57	72	42	42		bc	cis		3	
8									W	1	29.60	72	42	42		bc	cis		3	
9									SW	1	29.61	72	39	39		b				
10									SW	1	29.62	70	38	38		b				
11									SW	1	29.60	68	38	38		b				
12									SW	1	29.60	68	38	38		b				

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 11 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming.

J. P. Seeley
Ensign USNRF-4 jps

4:00 pm to 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
10:20 received from Schultz Baking Co. 50# bread.

J. P. Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
2:00 to 3:00 semaphore drill by the deck force. 4:00 Fitzgerald, J E, LY, USNRF-2, was transferred to Great Lakes, Illinois for temporary duty with bag and hammock.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
4:30 Durfee, J, BM2c, USN, left ship on leave expiring 21 December 1918.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~CHICAGO, ILL.~~ Chicago, Ill. ~~12~~ 12 December, 1918

R M Macdonald, Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						SW	1	29.62	69	38	38		b				
2									SW	1	29.65	70	38	38		b				
3									SW	1	29.68	72	38	38		b				
4									SW	1	29.70	74	38	38		b				
5									SW	1	29.71	72	39	38		bcz	acu		6	
6									SW	1	29.72	72	39	39		bcz	acu		8	
7									SW	1	29.73	72	39	39		ocz	s		10	
8									SW	1	29.72	70	40	40		ocz	as		10	
9									SW	1	29.72	72	41	41		ocz	as		10	
10									SW	1	29.72	72	42	42		ocz	as		10	
11									SW	1	29.70	72	42	42		ocz	as		10	
12									SW	1	29.70	72	42	42		ocz	as		10	

P. M.																				
1			Docked at Chicago, Ill.						SE	1	29.62	72 44	43			ocu	scu		10	
2									SE	1	29.62	73 44	43			ocu	scu		10	
3									SE	1	29.63	73 44	43			ocz	scu		10	
4									SE	1	29.63	73 44	44			ocz	scu		10	
5									SE	1	29.59	73 44	44			ocr	w		10	
6									SE	1	29.56	72 44	42			ocr	n		10	
7									SE	1	29.55	70 42	42			ocr	n		10	
8									SE	1	29.50	68 42	41			ocw	scu		10	
9									SE	2	29.43	64 41	41			ocr	n		10	
10									SE	2	29.44	72 41	41			ocr	n		10	
11									SE	2	29.42	74 41	41			ocr	n		10	
12									SE	2	29.37	71 41	41			ocr	n		10	

a.m. Latitude _____
Longitude _____

Noon. Latitude _____
Longitude _____

p.m. Latitude _____
Longitude _____

Current: Set _____
Drift _____

Magazine Temperatures:
Maximum _____
Minimum _____

Compass _____
S. H _____
Error _____
Variation _____
Deviation _____

Coal. Received _____
Expended 3.8 tons
On hand 106. 6 tons

Fuel oil. Received _____
Expended _____
On-hand _____

Water. Distilled _____
Received _____
Expended _____
On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP U.S.S. ESSEX 12 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders. Liberty party returned with no absentees.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
At 9:00 held quarters for muster. 9:35 Traube, A, S2c, USNRF, left on leave expiring noon 24 December 1918. 10:00 Lee, W H, SC4c, USN, returned from Naval Hospital, Great Lakes, Illinois, with bag and hammock. Received 50# bread from Schultz Baking Co.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

H. J. Leatka
CQM, U.S. NAVY

4:00 pm to 8:00 pm
Sent liberty party ashore at 5:00.

H. J. Leatka
CQM, U.S. NAVY

8:00 pm to midnight.
No remarks.

H. J. Leatka
CQM, U.S. NAVY

Approved: P. M. Macdonald
Ensign(T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~XXXXXXXXXXXX~~ Chicago, Ill. ~~XX~~ 13 December, 191 8

R M Macdonald, Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							SE	2	29.35	68	41	41		ocr	n		10	
2									SE	2	29.32	68	41	41		ocr	n		10	
3									SE	2	29.28	68	41	41		ocr	n		10	
4									SE	2	29.23	69	41	41		ocr	n		10	
5									SE	2	29.16	69	40	40		ocr	n		10	
6									NE	1	29.20	71	42	42		ocr	n		10	
7									NE	1	29.23	73	43	43		ocu	scu		10	
8									NE	1	29.19	69	44	44		ocu	scu		10	
9									NE	1	29.23	72	44	44		ocu	n		10	
10									NE	1	29.23	72	45	45		ocu	n		10	
11									NE	1	29.24	73	47	47		ocu	n		10	
12									SE	1	29.24	74	46	46		ocr	n		10	

Noon. Latitude / Longitude

P. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H.
Error
Variation
Deviation

Coal: Received / Expended 3.8 tons / On hand 102.7 tons

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1								Docked at Chicago, Ill.		W	1	29.22	78	45	45		ocr	n		10
2										NXW	1	29.23	78	45	45		ocr	n		10
3										NXW	1	29.24	79	44	44		ocr	n		10
4										N	1	29.24	78	44	44		ocr	n		10
5										N	1	29.22	70	43	43		ocr	n		10
6										N	1	29.22	70	43	43		ocr	n		10
7										N	1	29.20	70	43	43		ocz	scu		10
8										N	1	29.20	70	42	42		ocr	n		10
9										N	1	29.16	61	42	42		ocr	n		10
10										N	1	29.15	62	42	42		ocr	n		10
11										NW	1	29.15	61	41	41		ocr	n		10
12										NW	1	29.15	61	40	40		odr	n		10

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 13 December 1918 .....

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming. Matthews, A E, Sea, USNRF-2, returned from leave expiring this date.

H. J. Deatka
CQM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders. Liberty party returned with no absentees.

H. J. Deatka
CQM, U.S. NAVY

8:00 am to Meridian.
The following men were this day released from active duty in the U.S. Naval Reserve Force:

Tahl, J	Oil	USNRF-2
Schyan, C H	QM3c	USNRF-2
Link, F W	CCM	USNRF-2;

The following men were this day discharged from the U.S. Navy with Ordinary Discharges:

Cristoe, W J	F2c	USN
King, E N	Pntr1c	USN
Thompson A A	F1c	USN
Bales, J	Oil	USN

Henderson, W C, SF1c, returned on time from leave. Received from Schultz Baking Co. 50# bread; from Oscar Mayer Co. 25# liver.

H. J. Deatka
CQM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

J. P. Leeley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

J. P. Leeley
Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

J. P. Leeley
Ensign USNRF-4 jps

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

~~[illegible]~~ Chicago, Illinois ~~[illegible]~~ 14 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							NW	1	29.16	63	40	40		ocr	n		10	
2									NW	1	29.18	63	40	40		ocr	n		10	
3									NW	1	29.22	65	40	40		ocr	n		10	
4									NW	1	29.23	66	40	40		ocr	n		10	
5									NW	1	29.30	66	39	39		ocr	n		10	
6									NW	1	29.31	65	39	39		ocu	n		10	
7									NNW	1	29.33	66	39	39		ocu	scu		10	
8									NNW	1	29.30	68	39	39		bcz	scu		10	
9									NW	1	29.30	70	39	39		bcz	scu		8	
10									NW	1	29.32	70	40	40		ocz	scu		10	
11									NW	1	29.32	70	42	42		ocz	scu		10	
12									NW	1	29.30	68	42	42		ocz	scu		10	

P. M.																				
1		Docked at Chicago, Ill.							NW	1	29.30	66	41	41		ocz	scu		10	
2									NW	1	29.30	64	41	41		ocz	scu		10	
3									NW	1	29.30	66	41	41		ocz	as		6	
4									NW	1	29.29	60	41	41		ocz	as		8	
5									NW	1	29.37	72	40	40		ocz	cis		10	
6									NW	1	29.37	72	40	40		bcz	cis		9	
7									NW	1	29.37	71	39	39		bc	cis		8	
8									NW	1	29.38	72	39	39		bc	cis		8	
9									NW	1	29.42	72	39	39		bc	cis		10	
10									W	1	29.45	68	38	38		bc	cis		10	
11									SW	1	29.44	68	37	37		bc	cis		10	
12									W	1	29.44	64	37	37		bc	cis		10	

a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

p. m. Latitude _____ Longitude _____

Current: Set _____ Drift _____

Magazine Temperatures: Maximum _____ Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. Received _____ Expended 3.7 tons On hand 98.9 tons

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 14 December 1918

REMARKS.

Commencing and until 4 :00 am
#2 boiler steaming.

J. P. Seeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
11:00 Schutz, G J, Csmth2c, USNRF, returned from leave expiring noon this date.

J. P. Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
12:15 received 75# chicken from Maurice Cohen And Co.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
No rmmarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4 U. S. N., Navigator.

1—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT [redacted] Chicago, Ill. xx 15 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Chicago, Illinois.							W	1	29.46	65	34	34		bc	cis		10	
2									W	1	29.48	65	31	31		bc	as		8	
3									W	1	29.51	67	32	32		ocz	scu		10	
4									W	1	29.54	73	31	31		ocz	scu		10	
5									W	1	29.56	74	31	31		ocz	scu		10	
6									W	1	29.57	72	32	32		ocz	scu		10	
7									W	1	29.60	69	31	31		ocz	scu		10	
8									W	1	29.63	66	33	33		ocz	scu		10	
9									SE	1	29.64	68	32	32		ocz	scu		10	
10									SE	1	29.66	67	34	34		ocz	scu		9	
11									SE	1	29.66	69	35	35		ocf	as		9	
12									SE	1	29.66	70	40	40		ocf	s		10	

Sa. m. Latitude / Longitude

Noon. Latitude / Longitude

Sp. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 4.2 tons / On hand 94.6 tons

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						S	1	29.66	72	47	47		bcz	cis		7	
2									S	1	29.66	73	47	47		bcz	cis		6	
3									S	1	29.66	72	42	42		bcz	cis		5	
4									S	1	29.67	74	41	41		bcz	cis		5	
5									S	1	29.67	73	41	41		bcz	cis		8	
6									SE	1	29.69	72	40	40		bf				
7									SE	1	29.69	74	41	41		bf				
8									SE	1	29.70	74	41	41		bf				
9									SE	1	29.71	73	41	41		b				
10									SE	1	29.72	70	41	41		b				
11									SE	1	29.73	70	41	41		b				
12									SE	1	29.74	70	41	41		b				

29.

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 15 December 1918

REMARKS.

Commencing and until 4:00 am
2 boiler steaming for auxiliary purposes.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
9:00 sent church party ashore. 9:45 held quarters for muster.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

H. J. Leatka
CQM, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

H. J. Leatka
CQM, U.S. NAVY

8:00 pm to midnight
No remarks.

H. J. Leatka
CQM, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR[redacted] Chicago, Ill. [illegible] 16 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						S	1	29.76	71	41	41		b				
2									S	1	29.77	72	42	42		bc	ci			
3									S	1	29.79	72	42	42		bc	ci			
4									SW	2	29.79	72	42	42		bc	ci			
5									SW	2	29.79	72	41	41		bc	ci			
6									SW	2	29.79	73	40	40		bc	ci			
7									SW	1	29.82	72	40	40		bcz	cis			
8									SW	1	29.82	72	40	40		bcz	cis			
9									SE	1	29.87	70	41	41		bcf	as			
10									S	1	29.90	72	42	42		bcf	s			
11									S	1	29.90	74	42	42		bcf	s			
12									SW	1	29.89	78	48	48		bcf	as			

Compass

S. H.

Error

Variation

Deviation

Coal. Received 124 tons

Expended 4.2 tons

On hand 9074 tons

Fuel oil. Received

Expended

On hand

Water. Distilled

Received

Expended

On hand

8 a. m. Latitude

Longitude

Noon. Latitude

Longitude

8 p. m. Latitude

Longitude

Current Set

Drift

Magazine Temperatures:

Maximum

Minimum

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						N	1	29.88	75	55	55		bcz	as			6
2									N	1	29.88	68	48	48		bcz	as			9
3									N	1	29.82	62	47	47		bcz	as			9
4									N	1	29.85	70	43	43		bcz	as			9
5									N	2	29.88	73	44	44		bcz	as			10
6									NE	2	29.90	74	44	44		bcz	as			10
7									NE	2	29.92	74	44	44		bcz	as			10
8									NE	2	29.85	72	42	42		bcz	as			8
9									SE	2	29.85	69	40	40		bcz	as			8
10									S	1	29.89	66	42	42		bcz	as			8
11									S	1	29.89	68	42	42		bcz	as			8
12									S	1	29.90	70	43	43		bcz	as			8

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 16 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

H. T. Destka
CQM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders. Pittsburg Coal Company's coal lighter came alongside at 8:00 am.

H. T. Destka
CQM, U.S. NAVY

8:00 am to Meridian
Started coaling at 8:15. Received in supply department from Oscar Mayer 50# pork loins, 25# hamburger, 20# frankfurters; from Armour and Co. 300# beef; from Schultz Baking Co. 50# bread; from Maurice Cohen 145# apples, 165# oranges, 1050# potatoes, Finished coaling at 11:45. Received 124 tons coal.

H. T. Destka
CQM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
At 6:00 Reed, V D, LEg, USN, shoved off on leave of absence expiring 5:00 pm 28 December, 1918.

J. P. Seeley
Ensign USNRF-4 jps

8:00 pm to midnight.
9:00 received from Great Lakes 8 cases apricots, 810#; 6 cases apple butter, 288#; 10 cases string beans, 285#; 2 cases corned beef, 144#; 3 cases baking powder, 90#; 4 cases cocoa, 160#; 10 drums coffee, 1000#; 1 case jam, 459#; 10 cases tinned corn, 300#; 10 cases lard, 400#; 4 cases macaroni, 200#; 20 cases milk, 960#; 10 cases peas, 300#; 6 cases pumpkin, 246#; 20 cases peached, 900#; 7 cases prunes, 420#; 5 cases raisins, 150#; 5 cases salad oil; 9 cases tomatoes, 378#; 5 sacks beans, 500#; 3 sacks corn meal, 300#; 10 sacks flour 1000#; 20 sacks sugar, 2000#; 3 sacks rice, 300#.

J. P. Seeley
Ensign USNRF-4 jps

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN [redacted] Chicago, Ill. TOX 17 December 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							S	1	29.93	72	42	42		bcz	as		10	
2									S	1	29.95	72	41	41		bcz	as		10	
3									S	1	29.94	72	40	40		bcz	as		10	
4									S	1	29.95	70	40	40		bcz	as		10	
5									S	1	29.92	71	39	39		bcz	as		10	
6									S	1	29.92	70	39	39		bcz	as		10	
7									S	1	29.92	69	39	39		bcz	as		10	
8									SE	1	29.93	66	39	39		bcz	as		8	
9									SE	2	29.95	64	40	40		bcz	as		8	
10									SE	2	29.92	60	42	42		bcz	as		8	
11									SE	1	29.92	64	46	46		bc	as		8	
12									SE	1	29.90	68	50	50		bc	as		8	

8 a. m. { Latitude / Longitude

Noon. { Latitude / Longitude

8 p. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass.
S. H
Error
Variation
Deviation

Coal. { Received / Expended 3.8 tons / On hand 212.5 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked at Chicago, Ill.							SE	1	29.92	71	50	50		bc	cis		5	
2									ESE	1	29.92	72	47	47		bc	cis		3	
3									ESE	1	29.93	73	48	48		bc	ci		6	
4									ESE	1	29.93	74	46	46		bc	ci		5	
5									SE	1	29.95	73	44	44		bc	ci		3	
6									SE	1	29.95	73	44	44		bc	acu		8	
7									SE	1	29.95	72	44	44		bc	ci		5	
8									SE	1	29.95	72	44	44		bc	ci		5	
9									SE	1	29.94	72	42	42		bc	ci		1	
10									SE	1	29.93	69	42	42		bc	ci		2	
11									SE	1	29.93	69	40	40		bc	ci		2	
12									SE	1	29.93	70	40	40		bc	ci		6	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 17 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

J. P. Sulley
Ensign USNRF-4 jps

4:00 am to 8:00 am.
No remarks.

J. P. Sulley
Ensign USNRF-4 jps

8:00 am to Meridian.
10:30 received from Schultz Baking Co. 50# bread. 11:20 received from Consumer's Ice Co. 1000# ice.

J. P. Sulley
Ensign USNRF-4 jps

Meridian to 4:00 pm
One cutter and motor boat were hoisted and secured for winter in U.S.S. COMMODORE'S boar house.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
6:30 Morenz, W H, Bkr2c, USN, went on leave expiring 6:00 pm 27 December 1918.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
10:00 Walters, A S, SC2c, USN, returned from leave expiring this date.

C. A. Holmberg
CGM, U.S. NAVY

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~FROM~~ Chicago, Ill. ~~to~~ 18 December 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1				Docked at Chicago, Ill.					SE	1	29.93	70	40	40		bc	ci		7	
2									SE	1	29.93	70	40	40		bc	ci		7	
3									SE	1	29.93	70	40	40		bc	cis		5	
4									SE	1	29.94	69	40	40		bc	cis		5	
5									SE	1	29.94	69	38	38		bc	as		10	
6									SE	1	29.94	68	38	38		oc	as		10	
7									SE	1	29.95	67	38	38		oc	as		10	
8									SE	1	29.94	66	38	38		oc	as		10	
9									SE	1	29.95	69	37	37		oc	scu		10	
10									SE	1	29.92	68	37	37		ocz	scu		10	
11									SE	1	29.98	68	37	37		ocz	as		10	
12									SE	1	29.98	68	37	37		ocz	as		10	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H.
Error
Variation
Deviation

Coal. { Received / Expended 4.4 tons / On hand 207 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago, Ill.					SE	1	29.91	68	37	37		ocz	as		10	
2									SE	1	29.91	68	37	37		ocz	as		10	
3									SE	1	29.90	70	39	39		ocz	as		10	
4									SE	1	29.90	70	41	41		ocz	as		10	
5									SE	1	29.89	72	42	42		ocz	as		10	
6									SE	1	29.88	70	42	42		ocz	scu		10	
7									SE	1	29.87	69	42	42		ocz	cu		10	
8									SE	1	29.84	66	42	42		ocz	as		8	
9									SE	1	29.84	66	42	42		bc	as		10	
10									SE	1	29.83	68	42	42		bc	as		10	
11									SE	1	29.76	68	41	41		bc	as		9	
12									SE	1	29.70	67	41	41		bc	as		9	

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 18 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

H. J. Testka
CQM, U.S. NAVY

4:00 pm to 8:00 pm
Sent liberty party ashore at 5:00 pm.

H. J. Testka
CQM, U.S. NAVY

8:00 pm to midnight.
No remarks.

H. J. Testka
CQM, U.S. NAVY

Approved:
P. M. Macdonald
Ensign (T) USN

Examined:
J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~ANCHORAGE FROM~~ Chicago, Ill. ~~TO~~ 19 December, 1918

R M Macdonald, Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1				Docked at Chicago, Ill.					S	1	29.69	67	42	42		bc	as		8	
2									S	1	29.72	69	42	42		bc	as		9	
3									S	1	29.75	71	42	42		bc	as		9	
4									S	1	29.85	72	42	42		bc	as		9	
5									S	1	29.87	70	42	42		bc	as		10	
6									S	1	29.89	70	42	42		bc	as		10	
7									SE	1	29.87	70	40	40		bc	as		10	
8									SE	1	29.87	70	40	40		bc	as		10	
9									SE	1	29.87	68	43	43		bc	as		6	
10									SE	1	29.83	69	44	44		bc	as		4	
11									SE	1	29.83	66	43	43		bc	as		4	
12									SE	1	29.83	69	44	44		bc	as		6	

8 a. m. Latitude ..... Longitude .....

Noon. Latitude ..... Longitude .....

8 p. m. Latitude ..... Longitude .....

Current Set ..... Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass
S. H
Error
Variation
Deviation

Coal. Received ..... Expended 4.0tons On hand 203.1

Fuel oil. Received ..... Expended ..... On hand .....

Water. Distilled ..... Received ..... Expended ..... On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago, Ill.					se	1	29.81	68	52	52		bc	ci		3	
2									se	1	29.88	68	52	52		bc	cis		4	
3									se	1	29.80	69	50	50		bc	cis		4	
4									se	1	29.80	70	48	48		bc	as		4	
5									SE	1	29.80	71	48	48		bc	as		4	
6									SE	1	29.80	73	46	46		bc	as		3	
7									SE	1	29.80	68	46	46		b	as		3	
8									SE	1	29.79	65	46	46		b	as		3	
9									SE	1	29.76	66	46	46		bc	ci		5	
10									SE	1	29.76	68	45	45		bc	as		6	
11									S	1	29.76	70	45	45		bc	as		8	
12									S	1	29.86	70	45	45		bc	as		9	

Received F. 3/1

Ensign USNRF-(T) USN

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UNITED STATES SHIP ..... ESSEX ..... 19 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

CQM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders.

CQM, U.S. NAVY

8:00 am to Meridian
No remarks.

CQM, U.S. NAVY

Meridian to 4:00 pm
12:15 received from Booth Fisheries Co. 50# fish and 3 gallons oysters. 1:20 received from Schultz baking Co. 50# bread.

Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

Ensign USNRF-4 jps

Approved: P.M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

~~ACCEPTED~~ Chicago, Ill/ ~~XX~~ 20 December, 1918

R M Macdonald, Ensign (T), *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						S	1	29.71	63	44	44		o	as		10	
2									SE	1	29.70	62	44	44		o	as		10	
3									SE	1	29.70	62	44	44		ord	n		10	
4									SE	1	29.69	61	44	44		ocr	n		10	
5									SE	1	29.70	63	44	44		ocr	n		10	
6									SE	1	29.70	64	44	44		ocr	n		10	
7									SE	1	29.70	62	44	44		ocr	n		10	
8									SE	1	29.66	70	43	43		ocr	n		10	
9									SE	1	29.65	69	43	43		ocr	n		10	
10									SE	1	29.63	69	44	44		ocrf	n		10	
11									SE	1	29.62	69	44	44		ocrf	n		10	
12									SE	1	29.58	70	46	46		ocrf	n		10	

8 a. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

8 p. m. Latitude _____ Longitude _____

Current Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum _____

Minimum _____

Compass _____

S. H _____

Error _____

Variation _____

Deviation _____

Coal. Received _____ Expended 4 On hand 198.6 tons

Fuel oil. Received _____ Expended _____ On hand _____

Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						SE	1	29.55	68	46	46		ocrf	n		10	
2									SE	1	29.54	72	46	46		ocrf	n		10	
3									SE	1	29.55	73	47	47		ocf	scu		10	
4									E	1	29.55	73	47	47		ocf	scu		10	
5									E	1	29.55	72	46	46		ocrf	n		10	
6									E	1	29.55	72	46	46		ocuz	n		10	
7									SE	1	29.53	72	46	46		ocrz	n		10	
8									SE	1	29.52	73	46	46		ocrz	n		10	
9									SE	1	29.52	73	48	48		ocrf	n		10	
10									SE	1	29.52	73	49	49		ocrf	n		10	
11									SE	2	29.49	72	49	49		ocrf	n		10	
12									SE	2	29.47	72	48	48		orf	n		10	

Ensign USNRF-4

Ensign (T) USN

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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 20 December 1918 .....

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

J. P. Seeley
Ensign USNRF-4 jps

4:00 amto 8:00 am
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

8:00 am to Meridian
9:30 received from Oscar Mayer and Co. 25# beef liver. 10:15 received from Schultz Baking Co. 50# bread.

J. P. Seeley
Ensign USNRF-4 jps

Meridian to 4:00 pm
12:30 Thomas, J R, Bsmthlc, USN, returned for duty from Marine Hospital. 12:45 Ruckle, R C, Flc, USN, reported on board for duty from U.S.S. COMMODORE. 2:25 received from Great Lakes, 1 box hardward, 1 bundle packing and 2 barrels oil. 2:45 received from Arnold Bros. 100# smoked ham.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
4:00 Fitzgerald, LY, returned on board for duty from Great Lakes, Illinois.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
Gave entertainment on board for officers and crew; civilian friends invited.

C. A. Holmberg
CGM, U.S. Navy

Approved: P. N. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM ~~XXXXXXXXXXX~~ Chicago, Ill. ~~XX~~ 21 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1				Docked at Chicago, Ill.					SE	1	29.45	70	48	48		ocw	n		10	
2									SE	2	29.45	70	48	48		ocz	scu		8	
3									SE	2	29.45	70	48	48		ocz	scu		10	
4									SE	1	29.46	70	48	48		ocz	scu		10	
5									SE	2	29.46	69	50	50		ocz	scu		10	
6									SE	2	29.45	66	47	47		ocz	scu		10	
7									SE	2	29.44	70	47	47		ocz	scu		10	
8									SE	1	29.44	70	47	47		cf	s		10	
9									SE	1	29.45	70	47	47		cf	s		10	
10									SE	1	29.45	70	47	47		ocf	s		10	
11									SE	1	29.43	70	47	47		ocf	s		10	
12									SE	1	29.40	70	47	47		ocw	n		10	

Sa. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

Sp. m. Latitude ____ Longitude ____

Current Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal. Received ____ Expended 4 tons On hand 194.2 tons

Fuel oil. Received ____ Expended ____ On hand ____

Water. Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago, Ill.					SE	1	29.34	77	51	51		ocr	n		10	
2									SE	1	29.35	75	49	49		ocf	n		10	
3									SE	1	29.33	68	52	52		cf	n		10	
4									SE	1	29.32	68	52	52		ocf	n		10	
5									SSW	1	29.31	68	53	53		ocmf	n		10	
6									S	1	29.30	68	55	55		ocmf	n		10	
7									S	1	29.30	68	55	55		ocmf	n		10	
8									S	1	29.29	68	51	51		ocmf	n		10	
9									S	1	29.27	68	54	54		ocmf	n		10	
10									S	1	29.27	68	55	55		ocmf	n		10	
11									S	1	29.26	68	54	54		ocmf	n		10	
12									W	1	29.26	68	53	53		ocm	n		10	

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ..... ESSEX ..... 21 December 1918.

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

C. A. Holmberg
CGM, U.S.NAVY

4:00 am to 8:00 am
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
8:40 W P Glaus, Sea, USNRF-2, was released from active duty. 9:30 N Grain, WT, USN, went on leave expiring noon 27 December 1918. 10:00 received 45# of liver from Mayer and Co. 10:30 J Durfee, BM2c, USN, returned from furloguh expiring this date. Held quarters for muster and inspection by Commanding Officer. Received 75# of chicken from M. Cohen and Co. 11:30 the following named men went on leave expiring noon 27 December: Matthews, A E, Sea, USNRF-2 Page, S E, Y3c, USNRF-2; Lilly, W E, SC1c, USN; Dodge, F, SC3c, USN; Kosick, J, E3c, USNRF-2; Van Dycke, M, E2c, USNRF-2; Fassbender, L J, S2c, USNRF-2; Breen, E J, S2c, USNRF-4; Augustine, C C, S2c, USNRF-2; Wagner, G Z, CStk, USNRF-2; Riffer, W M, CMM, USNRF-2; Bales, C O, CWT, USN; Waker, C J, Cox, USN; Morgan, L, Sea, USNRF-2; Preston, W G, SF1c, USNRF-2; Belobraidich, A, Bsmth1c, USNRF-4; Brennan, T G, SC4c, USN; Lesher, E R, SD4c, USN; Weingand, H W, Stk2c, USNRF-4; Saaders, L, WT, USN; Macky, HYL, E3c, USNRF-2; McDannel, G, MM1c, USNRF-2; Tracey, B G, F3c, USN; Redier, R N, S2c, USNRF-4; Elliott, R E, S2c, USNRF-4; Sparano, H J, S2c, USN; Mendelsohn, Joe, PhM2c, USNRF-4 left on leave expiring noon 3 January, 1919; Reeves, Paul, QM3c, USN leftton leave expiring noon 1 January, 1919; Zimmerman, T, Bug, USN on leave expiring noon 1 January, 1919; Marsman, C J, Y2c, USNRF-2 on leave expiring noon 28 December 1918. Ensign R E Wright, Pay Corps, USNRF-4, left ship on 11 days leave.

C. A. Holmberg
CGM, U.S NAVY

Meridian to 4:00 pm
1:00 sent liberty party ashore.

H. J. Seelka
CQM, U.S. NAVY

4:00 pm to 8:00 pm
Received from Schultz Baking Co. 120# bread.

H. J. Seelka
CQM, U.S. NAVY

8:00 pm to midnight.
No remarks.

H. J. Seelka
CQM, U.S. NAVY

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ~~FROM~~ Chicago, Ill. ~~TO~~ 22 December, 1918

R M Macdonald Ensign, (T), *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							W	1	29.27	70	53	53		ocz	n		10	
2									W	1	29.27	68	51	51		ocz	acu		6	
3									W	1	29.27	66	50	50		ocz	acu		8	
4									W	1	29.27	66	48	48		ocz	acu		10	
5									W	1	29.27	65	48	48		ocz	as		10	
6									W	1	29.30	68	47	47		ocz	as		10	
7									W	1	29.32	70	47	47		ocz	as		10	
8									SW	2	29.36	75	46	46		bc	scu		8	
9									W	1	29.37	76	46	46		bc	cicu		3	
10									W	1	29.40	78	47	47		bc	cicu		2	
11									W	1	29.41	78	47	47		bc	cicu		4	
12									W	1	29.38	76	48	48		bc	cicu		4	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 4.8 tons / On hand 190.0

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago, Ill.					sw	1	29.37	73	49	49		bc	scu		8	
2									W	1	29.27	72	47	47		bc	scu		8	
3									W	2	29.38	70	46	46		bc	as		7	
4									W	2	29.40	70	46	46		bc	as		10	
5									W	2	29.42	70	45	45		bc	as		10	
6									W	3	29.45	68	43	43		bc	as		10	
7									W	2	29.48	68	42	42		bc	as		10	
8									W	2	29.50	68	40	40		bc	as		10	
9									W	2	29.51	67	40	40		bc	as		10	
10									W	2	29.52	64	39	39		bc	as		10	
11									W	2	29.53	60	38	38		bc	as		10	
12									W	1	29.52	60	38	38		bc	as		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 22 December 1918 .....

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

H. J. Pestka
COM, U.S. NAVY

4:00 am to 8:00 am
Carried out morning orders.

H. J. Pestka
COM, U.S NAVY

8:00 am to Meridian
No remarks.

H. J. Pestka
COM, U.S. NAVY

Meridian to 4:00 pm
12:35 Pestka, F J, Shoved off on leave expiring noon 2 Jan. 1919.

J. P. Sulley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
No remarks.

J. P. Sulley
Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

J. P. Sulley
Ensign USNRF-4 jps

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

4—2509

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ROUTE FROM Chicago, Ill. TO 23 December, 1918

R M Macdonald Ensign (T) S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.55	62	38	38		oc	as		10	
2									W	1	29.60	65	38	38		oc	as		10	
3									W	1	29.61	66	38	38		oc	as		10	
4									SW	1	29.62	66	37	37		oc	as		10	
5									SW	1	29.64	66	37	37		ocm	n		10	
6									W	1	29.66	66	37	37		ocm	n		10	
7									W	1	29.69	68	37	37		ocz	as		10	
8									W	1	29.73	68	37	37		ocz	as		10	
9									NW	1	29.75	69	37	37		ocz	as		10	
10									NW	1	29.76	69	39	39		ocz	as		10	
11									NW	1	29.74	70	39	39		ocz	as		10	
12									NW	1	29.72	70	39	39		ocz	as		10	

Sea. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal. { Received / Expended 4.9 tons / On hand 185.2 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						NE	1	29.68	66	38	38		ocm	n		10	
2									NE	1	29.67	67	39	39		oc	n		10	
3									SW	1	29.67	69	39	39		ocm	n		10	
4									ESE	1	29.66	67	36	36		crs	n		10	
5									ESE	1	29.66	66	38	38		ocm	n		10	
6									ESE	1	29.64	64	38	38		ocm	n		10	
7									SE	1	29.64	70	36	36		ocm	n		10	
8									SE	2	29.63	75	36	36		oc	as		10	
9									SE	3	29.62	77	36	36		cg	scu		10	
10									SE	3	29.67	70	36	36		cg	scu		10	
11									SE	2	29.51	69	35	35		cg	as		10	
12									SE	2	29.47	69	33	33		cg	as		10	

Ensign USNRF-4

(This page to be sent to Bureau of Navigation monthly.)

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UNITED STATES SHIP ..... ESSEX ..... 23 December 1918 .....

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

J. P. Sculley.
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Sculley.
Ensign USNRF-4 jps

8:00 am to Meridian
8:45 received of Morris and Co. 25# pork sausage. 7:45 received of Armour and Co. 275# of beef; 10:30 received of O F Mayer and Co. 50# pork loin; 20# frankfurters and 25# hamburger; 1:50 received of Schultz Baking Co. 50# bread; 11:30 received 5 cases of eggs from Weaver Co.

J. P. Sculley.
Ensign USNRF-4 jps

Meridian to 4:00 pm
12:00 J P Kraase, Carpenter (T) USN, went on 14 days furlough. 1:20 received from M Cohen and Co. 50# celery; 455# potatoes, 145# apples, 10# cranberries. 2:00 received from Great Lakes One box stationery for Pay Office. 3:15 received from Arnold Bros/ 50# bacon.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4 *U. S. N., Navigator.*

4—2899

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR FROM Chicago, Ill. xx 24 December, 1918

R M Macdonald Ensign (T), *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						SE	3	29.42	68	33	33		oc	as		10	
2									SE	3	29.30	68	32	32		ocs	as		8	
3									SE	4	29.21	68	31	31		ocs	n		10	
4									SE	5	29.15	68	30	30		ocs	n		10	
5									SE	5	29.11	68	29	29		ocs	n		10	
6									SE	5	29.09	68	29	29		ocs	n		10	
7									SE	5	29.(4	68	31	31		ocs	n		10	
8									SE	5	29.(3	66	32	32		ocsq	n		10	
9									SE	5	29.02	68	32	32		ocsq	n		10	
10									SE	5	29.01	68	32	32		ocsq	n		10	
11									SE	5	28.97	68	32	32		ocsq	n		10	
12									SE	4	28.94	69	32	32		ocsq	n		10	

Sa. m. Latitude _____ Longitude _____

Noon. Latitude _____ Longitude _____

Sp. m. Latitude _____ Longitude _____

Current Set _____ Drift _____

MAGAZINE TEMPERATURES:

Maximum _____

Minimum _____

Compass. _____

S. H _____

Error _____

Variation _____

Deviation _____

* Coal. Received _____ Expended 4. 7 tons On hand 180/ 5 tons

Fuel oil. Received _____ Expended _____ On hand _____

* Water. Distilled _____ Received _____ Expended _____ On hand _____

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

No remarks.

No remarks.

P. M.																				
1				Docked at Chicago.					SE	4	28.92	70	31	31		ocs	n		10	
2									SE	3	28.93	72	32	32		ocs	n		10	
3									SE	3	28.95	70	32	32		ods	n		10	
4									E	2	28.97	72	32	32		ocs	n		10	
5									E	2	29.00	72	32	32		ocs	n		10	
6									NE	2	29.05	72	30	30		ocs	n		10	
7									NE	2	29.08	72	32	32		ocs	n		10	
8									NE	2	29.10	72	31	31		ocs	n		10	
9									NE	2	29.14	72	29	29		ocs	n		10	
10									NE	2	29.15	73	28	28		ocs	n		10	
11									NE	2	29.15	72	26	26		ocs	n		10	
12									NE	3	29.15	73	26	26		ocs	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 24 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
Traube, A, S2c, USNRF, returned from furlough.

J. Stephens
CY, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

J. Stephens
CY, U.S. NAVY

8:00 pm to Midnight.
No remarks.

J. Stephens
CY, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~OSXXXXXXXXXXXX~~ Chicago, Ill. ~~XX~~ 25 December, 1918

R M Macdnnald Ensign (T), *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked in Chicago.							SW	2	29.17	69	24	24		ocs	n		10	
2									WSW	2	29.17	68	24	24		ocq	as		10	
3									WSW	2	29.21	68	24	24		ocq	as		10	
4									WSW	2	29.25	67	24	24		oc	as		10	
5									WSW	2	29.25	66	24	24		oc	as		10	
6									WSW	2	29.25	68	24	24		oc	as		10	
7									WSW	2	29.25	68	25	25		oc	as		10	
8									WSW	2	29.26	70	25	25		oc	as		10	
9									WSW	2	29.30	70	26	26		oc	as		10	
10									WNW	2	29.35	72	26	26		ocs	n		10	
11									WNW	2	29.39	72	27	27		ocs	n		10	
12									WNW	2	29.39	72	27	27		ocs	n		10	

Noon. { Latitude / Longitude

Current { Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal { Received / Expended 4.7 tons / On hand 175.8 tons

Fuel oil { Received / Expended / On hand

Water { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1				Docked at Chicago, Ill.					WSW	1	29.37	71	36	36		bcz	cicu		2	
2									WSW	1	29.37	66	30	30		bcz	acu		4	
3									WSW	1	29.34	66	31	31		bcz	cicu		2	
4									WSW	1	29.38	71	27	27		bcz	acu		6	
5									SSW	1	29.41	73	26	26		cq	scu		9	
6									WSW	1	29.42	73	25	25		oc	scu		10	
7									W	1	29.43	75	24	24		oc	as		10	
8									W	1	29.44	76	24	24		bc	as		8	
9									W	1	29.45	76	24	24		bc	as		4	
10									W	1	29.46	73	22	22		b	as		3	
11									W	1	29 .46	72	21	21		b				
12									W	1	29.46	70	21	21		b				

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 25 December 1918

REMARKS.

Commencing and until 4:00 am
No remarks.

J. D. Stephens
CY, U.S. NAVY

4:00 am to 8:00 am
No remarks.

J. D. Stephens
CY, U.S. NAVY

8:00 am to Meridian
No remarks.

J. D. Stephens
CY, U.S. NAVY

Meridian to 4:00 pm
At 1:00 sent liberty party ashore.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

4—2599

(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~GREENHOUSE HOUSE~~ Chicago, Ill. ~~DOCK~~ 26 December, 1918

R M Macdonald Ensign (T), *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1		Docked at Chicago, Ill.							W	2	29.47	68	19	19		bc	as		6	
2									W	2	29.47	68	17	17		bc	as		8	
3									W	2	29.47	68	15	15		bc	as		8	
4									W	2	29.48	67	14	14		bc	as		10	
5									W	2	29.46	65	13	13		bc	as		10	
6									W	2	29.47	65	13	13		bc	as		10	
7									W	2	29.47	66	13	13		bcf	as		10	
8									W	2	29.49	64	13	13		ccf	as		10	
9									W	1	29.51	66	16	16		bcs	cicu		8	
10									W	2	29.50	66	16	16		bcz	cicu		6	
11									W	1	29.50	66	20	20		bcz	cicu		8	
12									W	2	29.49	69	22	22		bcz	cicu		8	

Sa. m. { Latitude / Longitude

Noon. { Latitude / Longitude

Sp. m. { Latitude / Longitude

Current { Set / Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. II
Error
Variation
Deviation

Coal. { Received / Expended 4.6 tons / On hand 17077 tons

Fuel oil. { Received / Expended / On hand

Water. { Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1		Docked at Chicago, Ill.							W	2	29.45	69	22	22		bcz	as		8	
2									W	1	29.43	70	24	24		bcz	as		10	
3									W	1	29.43	70	22	22		bcz	as		10	
4									W	1	29.43	68	24	24		bcz	as		8	
5									WXS	1	29.42	67	24	24		bcz	as		8	
6									SW	1	29.41	67	23	23		bcz	as		10	
7									SW	1	29.43	68	24	24		bcz	as		10	
8									SW	1	29/43	68	24	24		bc	as		10	
9									SW	1	29.43	70	24	24		bc	as		10	
10									SW	1	29.42	70	24	24		oc	as		10	
11									SE	1	29.41	70	24	24		oc	as		10	
12									SE	2	29.38	71	24	24		ocs	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 26 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
9:00 Daniels, C H, CY, USNRF, returned on board from leave of absence expiring this date. 11:25 received from Booth Fisheries 30# fish.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight
10:00 Matthews, A E, Sea, USNRF, returned from leave of absence expiring this date. 11:30 Smith, C A, Flc, USN, returned from leave expiring this date.

C. A. Holmberg
CGM, U.S. NAVY

Approved:
R. M. Macdonald
Ensign (T) USN

Examined:
J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~FROM~~ Chicago, Ill. xx 27 December, 1918

R M Macdonald, Ensign (T), *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						SE	2	29.37	71	21	21		ocs	n		10	
2									SE	2	29.37	71	23	23		ocs	n		10	
3									SE	2	29.34	70	26	26		ocs	n		10	
4									SE	2	29.34	70	26	26		ocs	n		10	
5									SE	1	29.34	72	27	27		ocs	n		10	
6									SE	1	29.34	72	27	27		ocs	n		10	
7									SE	1	29.35	72	27	27		ocs	n		10	
8									SW	1	29.35	70	27	27		ocs	n		10	
9									SW	1	29.36	70	27	27		ocs	n		10	
10									SW	1	29.38	72	28	28		ocs	n		10	
11									SW	1	29.38	72	25	25		ocs	scu		8	
12									SW	1	29.36	72	26	26		ocz	as		8	
P. M.																				
1			Docked at Chicago, Ill.						SW	1	29.36	70	26	26		ocs	n		10	
2									SW	1	29.36	70	26	26		ocs	n		10	
3									SW	1	29.34	68	26	26		ocs	n		10	
4									SW	1	29.37	70	28	28		ocs	n		10	
5									SW	1	29.38	70	27	27		ocs	scu		10	
6									SW	1	29.38	68	26	26		ocz	scu		10	
7									SW	1	29.38	66	26	26		ocz	scu		10	
8									SW	1	29.37	67	25	25		ocs	n		10	
9									SW	1	29.37	67	25	25		ocs	n		10	
10									SW	1	29.37	69	25	25		ocs	n		10	
11									SW	1	29.37	69	25	25		ocs	n		10	
12									W	1	29.37	69	25	25		ocs	n		10	

a. m. Latitude ____ Longitude ____

Noon. Latitude ____ Longitude ____

p. m. Latitude ____ Longitude ____

Current: Set ____ Drift ____

Magazine Temperatures:
Maximum ____
Minimum ____

Compass ____
S. H ____
Error ____
Variation ____
Deviation ____

Coal: Received ____ Expended 4.1 tons On hand 166.4 tons

Fuel oil: Received ____ Expended ____ On hand ____

Water: Distilled ____ Received ____ Expended ____ On hand ____

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 27 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming. 2:20 Riffer, W L, CMM, Returned on board from leave expiring this date.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
8:15 Crain, WT, USN, returned on board from leave. 8:30 Preston, W G, SF1c, USNRF, returned from leave. 8:35 Elliott, R E, S2c, USNRF, returned from leave. The following named men also returned from leave: 9:15 Sparano, H J, S2c, USN; 9:30 Reider, R W, S2c, USNRF; 9:35 Dodge, F, SC4c, USN; 9:45 Kosick, J, E3c, USNRF; 10:20 Thomas, R E, Bsmth1c, USN; 10:20 Wagner, G Z, CStk, USNRF; 10:20 Sanders, L, WT; 10:35 Lilly, W E, SC1c, USN; 11:00 Lesher, E P, SC4c, USN; 11:00 Van Dycke, M, E2c, USNRF; 11:20 Augustine, C C, S2c, USNRF; 11:20 Fassbender, L J, S2c, USNRF; Morgan, L, Sea, USNRF; Brennan, T G, SC4c, USN; 11:30 Bales, C O, CWT, USN; 11:40 Tracey, B G, F2c, USN; 11:45 Rademacher, CEg, USNRF; Weingand, H W, Stk2c, USNRF; Mack, H L, E3c, USNRF; 11:50 Page, S E, Y3c, USNRF; 12:00 Fitzgerald, S E, LY, USNRF; 12:00 Breen, E J, S2c, USNRF; McDannell, MM1c, USNRF; Belobraidich, A, Bsmth1c, USNRF.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
The following men left on furloughs expiring at noon 2 Jaunary 1919: Mooney, B L, SC4c, USN; Henderson, W A, SF1c, USNRF; Cooper, G W, S2c, USN; Irvign, P W, Elcg, USNRF; Johnson, S E, S2c, USNRF; Frese, H H, Sea, USNRF; Dolde, H J, S2c, USNRF; Brenna, J E, S2c, USNRF; West, C B, S2c, USNRF; Schutz, G J, Csmth, USNRF; Lee, W H, SC4c, USN; Hoban, T, Oiler, USNRF; Holter, F B, MM1c, USNRF; Borecky, F, Bmkr, USN; DeFord, R L, F3c, USN; Ruckle, R C, F1c, USN; Newman, A J, Sea, USN; Chatfield, CMM, USNRF; Martin, P H, Sea, USN..Morenz, W H, Bkr2c, USN, returned from furlough expiring this date.

J. O. Stephens
CY, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

J. O. Stephens
CY, U.S. NAVY

8:00 pm to midnight.
No remarks/

J. O. Stephens
CY, U.S. NAVY

Approved: P. M. MacDonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR EN ~~ROUTE FROM~~ Chicago, Ill. ~~TO~~ 28 December, 1918

R M Macdonald Ensign (T), *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	1	29.37	70	25	25		ocs	n		10	
2									W	1	29.38	70	26	26		ocs	n		10	
3									W	1	29.38	70	26	26		ocs	n		10	
4									W	1	29.38	71	25	25		ocs	n		10	
5									W	1	29.38	69	25	25		ocs	n		10	
6									W	1	29.38	70	25	25		ocs	scu		10	
7									W	3	29.39	71	25	25		ocg	scu		10	
8									W	2	29.39	68	22	22		ocf	scu		10	
9									W	2	29.38	66	21	21		ocf	scu		10	
10									W	2	29.38	63	21	21		oc	acu		9	
11									W	2	29.36	62	24	24		ocz	cis		8	
12									W	2	29.34	61	26	26		oez	cis		7	
P. M.																				
1			Docked at Chicago, Ill.						W	2	29.33	62	28	28		bcz	scu		4	
2									W	2	29.33	66	25	25		bcz	scu		4	
3									W	2	29.33	68	25	25		bcz	scu		9	
4									W	2	29.36	70	24	24		bcz	scu		9	
5									W	2	29.36	70	23	23		bczq	scu		10	
6									W	2	29.36	68	23	23		ocq	n		10	
7									W	2	29.36	68	22	22		ocs	n		10	
8									W	2	29.36	68	21	21		ocs	n		10	
9									W	2	29.36	68	20	20		ocs	n		10	
10									W	2	29.35	64	20	20		ocs	n		10	
11									W	2	29.35	65	20	20		ocs	n		10	
12									W	2	29.35	67	24	24		ocs	n		10	

Noon. Latitude / Longitude

P. M. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures: Maximum / Minimum

Compass: S. H. / Error / Variation / Deviation

Coal: Received / Expended 4.1 tons / On hand 166.4 tons

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 28 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

J. W. Stephens
CY, U.S. NAVY

4:00 am to 8:00 am
No remarks.

J. W. Stephens
CY, U.S. NAVY

8:00 am to Meridian
Marsman, C J, Y2c, USNRF-2, returned from furlough expiring this date.

J. W. Stephens
CY, U.S. NAVY

Meridian to 4:00 pm
12:30 received from Cohen Co. 50# chicken.

J. P. Seeley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
4:30 Reed, V D, LEg, USN, returned from leave expiring this date.

J. P. Seeley
Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

J. P. Seeley
Ensign USNRF-4 jps

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT OR ~~FROM~~ Chicago, Ill. TO 29 December, 1918

R M Macdonald Ensign (T), U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						W	2	29.35	67	24	24		ocs	n		10	
2									W	2	29.35	67	24	24		ocs	n		10	
3									W	2	29.35	69	23	23		oc	n		10	
4									W	3	29.34	69	22	22		oc	n		10	
5									W	2	29.35	69	22	22		oc	n		10	
6									W	2	29.34	66	20	20		oc	n		10	
7									W	2	29.34	66	21	21		oc	n		10	
8									W	2	29.33	67	21	21		oc	n		10	
9									W	2	29.37	67	19	19		oc	n		10	
10									W	2	29.38	73	19	19		oc	n		10	
11									W	2	29.40	76	20	20		ocq	n		10	
12									W	1	29.41	73	19	19		ocq	n		10	

Latitude (a. m.)
Longitude (a. m.)
Latitude (Noon.)
Longitude (Noon.)
Latitude (p. m.)
Longitude (p. m.)
Current: Set
Current: Drift

MAGAZINE TEMPERATURES:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received
Coal: Expended 4.0tons
Coal: On hand 161.9 tons

Fuel oil: Received
Fuel oil: Expended
Fuel oil: On hand

Water: Distilled
Water: Received
Water: Expended
Water: On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						W	1	29.38	65	22	22		oc	as		10	
2									W	1	29.37	67	22	22		oc	as		10	
3									W	1	29.38	68	23	23		oc	as		10	
4									W	1	29.38	68	23	23		oc	as		10	
5									N	0	29.41	68	24	24		oc	as		10	
6									N	0	29.42	67	25	26		oc	as		10	
7									SE	0	29.45	66	26	26		oc	as		10	
8									SE	1	29.45	68	27	27		oc	as		10	
9									SE	2	29.45	68	28	28		oc	as		10	
10									SE	1	29.47	66	28	28		oc	as		10	
11									SE	1	29.47	66	28	28		oc	as		10	
12									E	1	29.47	68	30	30		oc	as		10	

Ensign USNRF-4

Ensign (T) USN

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 29 December 1918

REMARKS.

Ceommencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

J. P. Seeley
Ensign USNRF-4 jps

4:00 am to 8:00 am
No remarks.

J. P. Seeley.
Ensign USNRF-4 jps

8:00 am to Meridian
No remarks.

J. P. Seeley.
Ensign USNRF-4 jps

Meridian to 4:00 pm
1:00 sent liberty party ashore.

C. A. Holmberg
C G M, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

C. A. Holmberg
CGM, U.S. NAVY

8:00 pm to midnight.
No rmmarks.

C. A. Holmberg
CGM, U.S. NAVY

Approved: R. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4

U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT [redacted] Chicago, Ill. [redacted] 30 December, 1918

R M Macdonald Ensign (T), *U. S. Navy, Commanding.*

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1			Docked at Chicago, Ill.						E	3	29.48	70	29	29		ocq	as		10	
2									E	3	29.52	74	29	29		ocq	as		10	
3									EXS	3	29.52	75	29	29		ocq	as		10	
4									EXS	3	29.51	76	30	30		ocq	scu		10	
5									E	3	29.51	77	30	30		ocq	scu		10	
6									E	3	29.52	78	30	30		ocq	scu		10	
7									E	3	29.50	70	30	30		bc	scu		9	
8									E	3	29.44	64	30	30		bc	acu		7	
9									E	3	29.44	66	30	30		bc	ci		5	
10									E	3	29.46	67	32	32		bc	ci		1	
11									E	3	29.43	71	33	33		bc	ci		3	
12									EXS	3	29.42	73	33	33		ocq	scu		10	

Sa. m. Latitude / Longitude

Noon. Latitude / Longitude

Sp. m. Latitude / Longitude

Current: Set / Drift

Magazine Temperatures:
Maximum
Minimum

Compass
S. H
Error
Variation
Deviation

Coal: Received / Expended 4.4 tons / On hand 154.5 tons

Fuel oil: Received / Expended / On hand

Water: Distilled / Received / Expended / On hand

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
5		
6		
7		
8		
9		

P. M.																				
1			Docked at Chicago, Ill.						EXS	3	29.38	74	31	31		bcz	cicu		3	
2									EXS	3	29.27	75	35	35		bcz	ci		3	
3									SE	2	29.27	77	38	38		bc	acu		8	
4									SE	2	29.26	77	38	38		bc	acu		8	
5									SW	1	29.32	74	39	39		ocb	acu		10	
6									SW	2	29.30	73	39	39		ocb	scu		10	
7									SW	2	29.30	75	38	38		ocr	n		10	
8									SE	2	29.28	72	38	38		ocr	n		10	
9									SE	2	29.25	69	37	37		odr	n		10	
10									SE	2	29.25	71	38	38		ocfm	n		10	
11									SE	2	29.25	72	39	39		ocfm	n		10	
12									SW	2	29.24	73	39	39		ocfm	n		10	

(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ESSEX 30 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes. Keeler H H, Y3c, USNRF, returned on board from leave of absence at 1:00.

C. A. Holmberg
CGM, U.S. NAVY

4:00 am to 8:00 am
Liberty party returned with no absentees.

C. A. Holmberg
CGM, U.S. NAVY

8:00 am to Meridian
9:45 received from Great Lakes 126# butter. At 10:00 returned to Lyon and Healy one piano.

C. A. Holmberg
CGM, U.S. NAVY

Meridian to 4:00 pm
No remarks.

J. W. Stephens
CY, U.S. NAVY

4:00 pm to 8:00 pm
No remarks.

J. W. Stephens
CY, U.S. NAVY

8:00 pm to midnight.
No remarks.

J. W. Stephens
CY, U.S. NAVY

Approved: P. W. Macdonald
Ensign (T) USN

Examined: J. E. F. Landers
Ensign USNRF-4
~~U. S. N.~~, Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP ESSEX

AT ~~[illegible]~~ Chicago, Ill. ~~[illegible]~~ 31 December, 191 8

R M Macdonald Ensign (T), *U. S. Navy, Commanding.*

Hour	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1				Docked at Chicago, Ill.					W	2	29.26	75	39	39		ocm	n		10	
2									W	2	29.26	76	39	39		ocm	n		10	
3									W	2	29.26	74	39	39		ocm	n		10	
4									W	2	29.26	72	39	39		ocf	n		10	
5									W	1	29.27	70	37	37		ocf	n		10	
6									NW	2	29.30	72	35	35		ocf	n		10	
7									NW	2	29.32	70	35	35		ocf	n		10	
8									NW	2	29.34	68	35	35		ocf	n		10	
9									W	2	29.37	32	34	34		ocf	n		10	
10									NW	1	29.35	74	36	36		ocg	n		10	
11									N	1	29.34	75	36	36		oc	n		10	
12									N	1	29.34	72	37	37		oc	n		10	

P. M.																				
1				Docked at Chicago, Ill.					N	1	29.30	72	36	36		ocg	as		10	
2									N	1	29.29	72	35	35		ocm	n		10	
3									N	1	29.27	72	33	33		ocfm	n		10	
4									N	0	29.27	72	33	33		ocfm	n		10	
5									E	2	29.27	72	34	34		ocfm	n		10	
6									E	2	29.22	72	32	32		ocfm	n		10	
7									E	3	29.15	72	32	32		ocs	n		10	
8									E	3	29.12	65	32	32		ocs	n		10	
9									E	3	29.10	65	32	32		ocs	n		10	
10									E	3	29.08	65	32	32		ocr	n		10	
11									E	4	29.05	67	32	32		ocr	n		10	
12									E	1	29.03	67	32	32		ocr	n		10	

8 a. m. Latitude	
8 a. m. Longitude	
Noon. Latitude	
Noon. Longitude	
8 p. m. Latitude	
8 p. m. Longitude	
Current Set	
Current Drift	

Magazine Temperatures:

Maximum

Minimum

Compass	
S. H	
Error	
Variation	
Deviation	
Coal. Received	
Coal. Expended	
Coal. On hand	
Fuel oil. Received	
Fuel oil. Expended	
Fuel oil. On hand	
Water. Distilled	
Water. Received	
Water. Expended	
Water. On hand	

DRILLS AND EXERCISES.

Division.	*Morning.*	*Afternoon.*
1		
2		
3		
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(This page to be sent to Bureau of Navigation monthly.)

UNITED STATES SHIP ..... ESSEX ..... 31 December 1918

REMARKS.

Commencing and until 4:00 am
#2 boiler steaming for auxiliary purposes.

J. D. Stephens
CY, U.S. NAVY

4:00 am to 8:00 am
No remarks.

J. D. Stephens
CY, U.S. NAVY

8:00 am to Meridian
No remarks.

J. D. Stephens
CY, U.S. NAVY

Meridian to 4:00 pm
12:40 received from O T Mayer and Bro. 10# frankfurters, 15# hamberger, 25# pork loin. 1:30 Wensley, J, Stk3c, USNRF, left on leave to expire noon 6 January 1919.

J. P. Sulley
Ensign USNRF-4 jps

4:00 pm to 8:00 pm
6:00 received from Schultz Baking Co. 50# bread.

J. P. Sulley
Ensign USNRF-4 jps

8:00 pm to midnight.
No remarks.

J. P. Sulley
Ensign USNRF-4 jps

Approved: P. M. Macdonald
Ensign (T) USN

Examined: J. E. Flanders
Ensign USNRF-4
U. S. N., Navigator.

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(This page to be sent to Bureau of Navigation monthly.)

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LOG OF THE UNITED STATES SHIP .....

AT OR EN ROUTE FROM ..... TO ....., 191

....., ..., U. S. Navy, Commanding.

Hour.	Knots.	Tenths.	Patent Log.	Tenths.	Average Revs.	Tenths.	Engine Counter.	Course.	Wind. Direction.	Wind. Force.	Barometer. Height in Inches.	Barometer. Ther. At.	Temperature. Air Dry Bulb.	Temperature. Air Wet Bulb.	Temperature. Water at Surface.	Weather by Symbols.	Clouds. Form.	Clouds. Moving From.	Clouds. Amount.	Sea.
A. M.																				
1																				
2																				
3																				
4																				
5																				
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12																				
P. M.																				
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11																				
12																				

8 a. m. { Latitude .....
Longitude .....

Noon. { Latitude .....
Longitude .....

8 p. m. { Latitude .....
Longitude .....

Current { Set .....
Drift .....

Magazine Temperatures:
Maximum .....
Minimum .....

Compass .....
S. H .....
Error .....
Variation .....
Deviation .....

Coal. { Received .....
Expended .....
On hand .....

Fuel oil. { Received .....
Expended .....
On hand .....

Water. { Distilled .....
Received .....
Expended .....
On hand .....

DRILLS AND EXERCISES.

Division.	Morning.	Afternoon.
1		
2		
3		
4		
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7		
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9		

4—2509

(This page to be sent to Bureau of Navigation monthly.)